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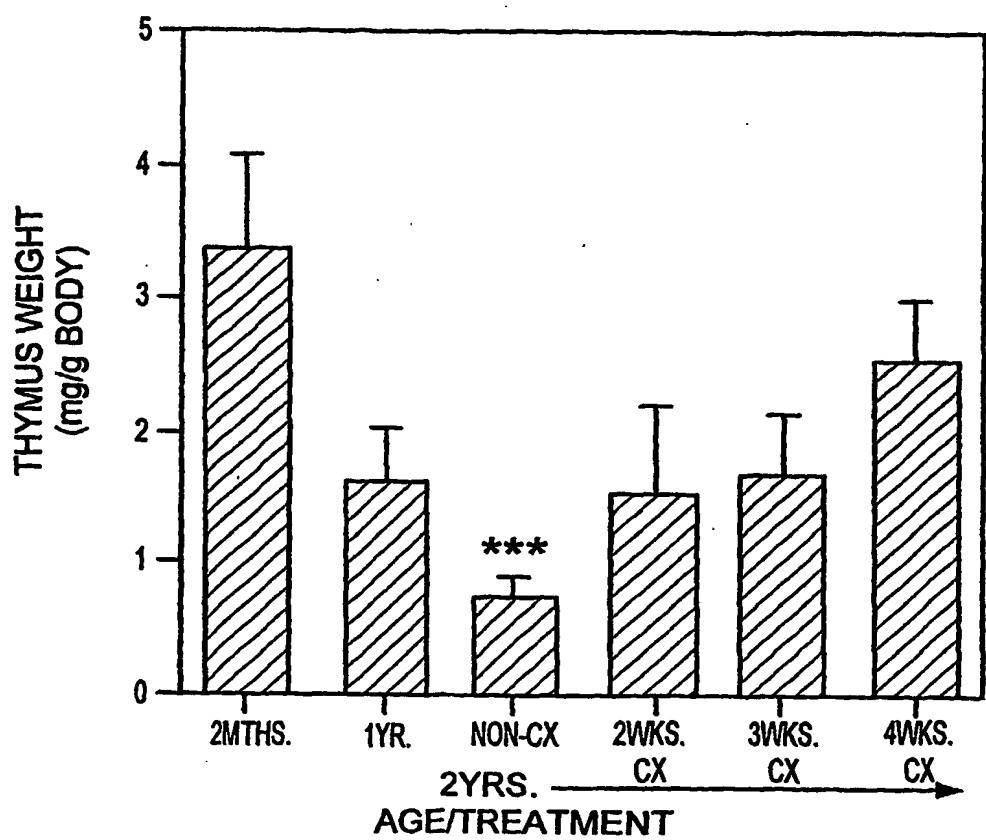


FIG. 1A

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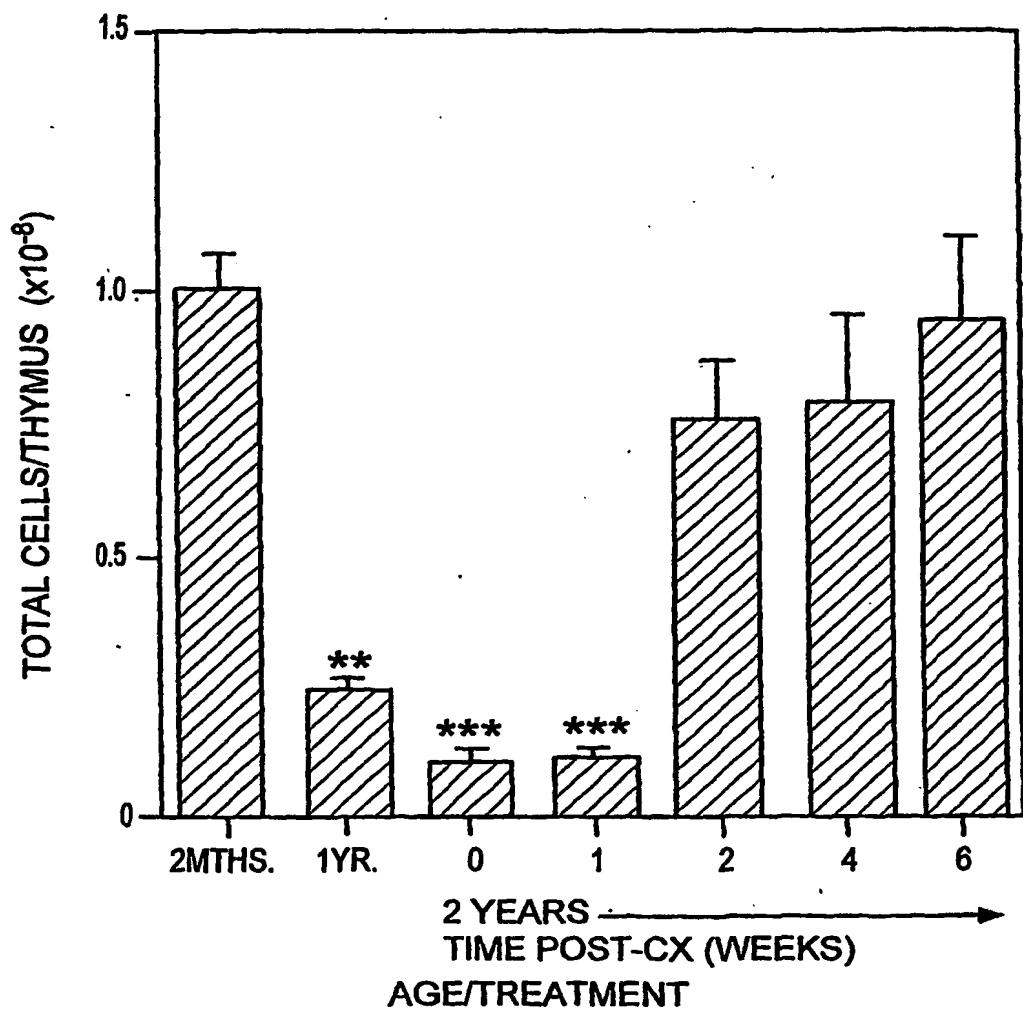


FIG. 1B

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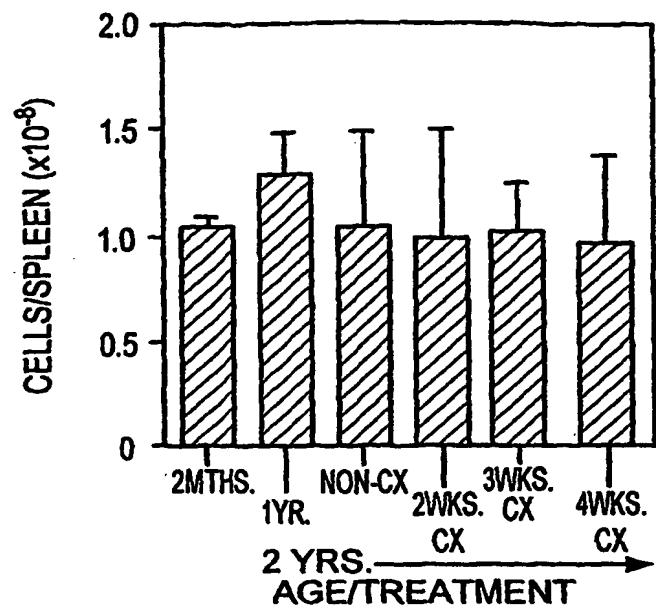


FIG. 2A

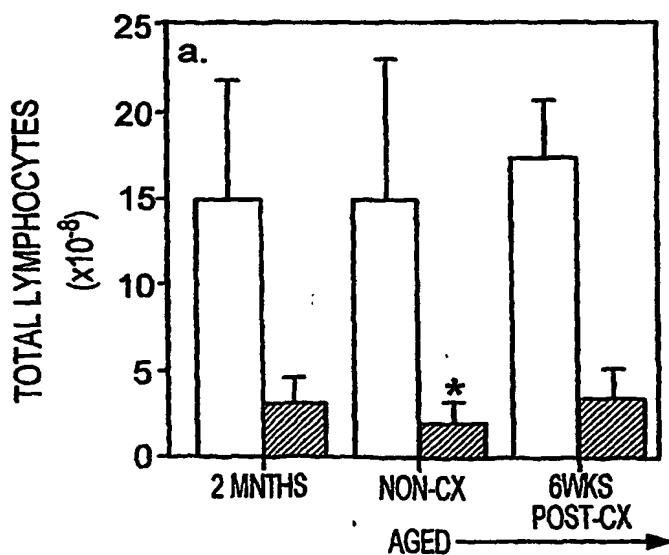


FIG. 2B

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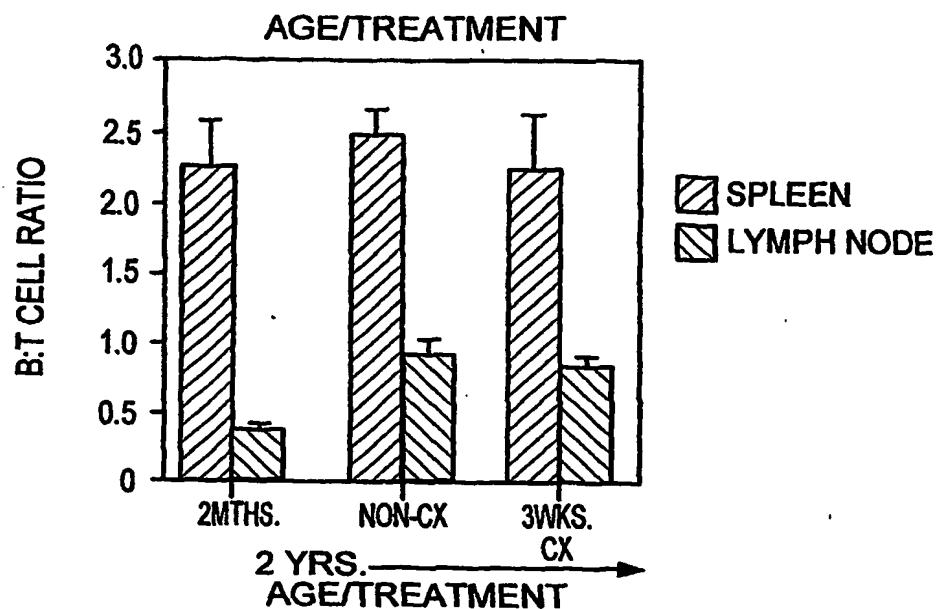


FIG. 2C

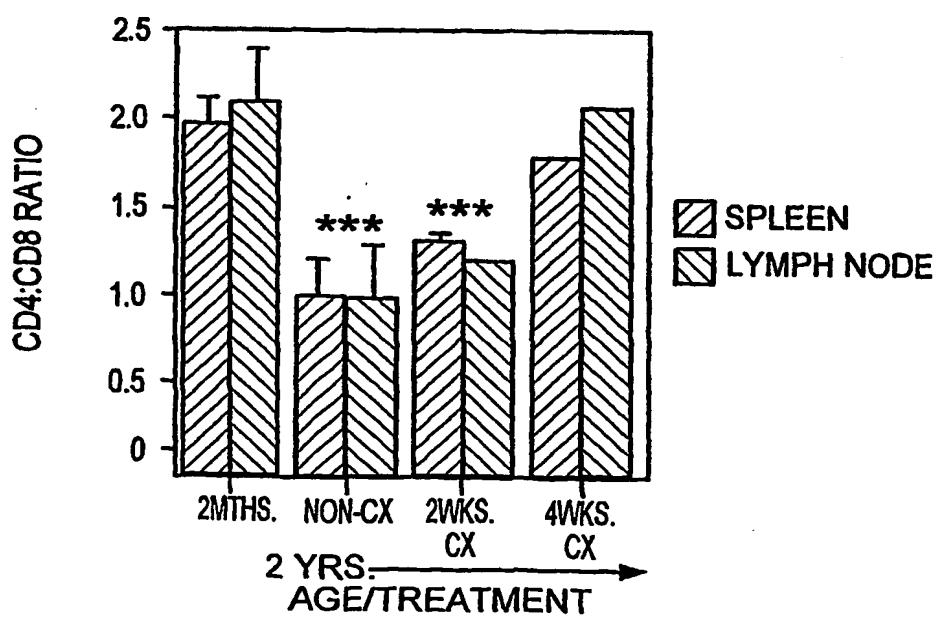


FIG. 2D

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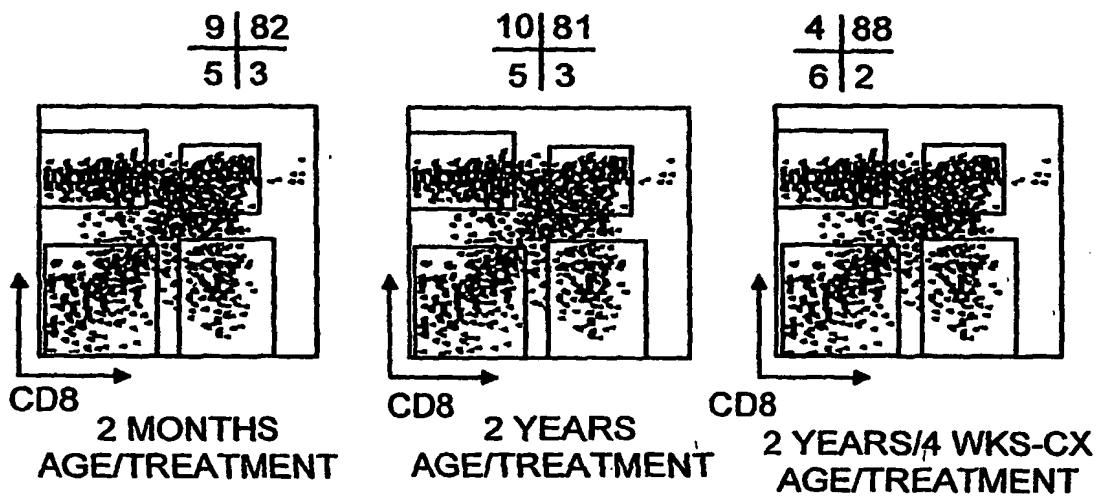


FIG. 3

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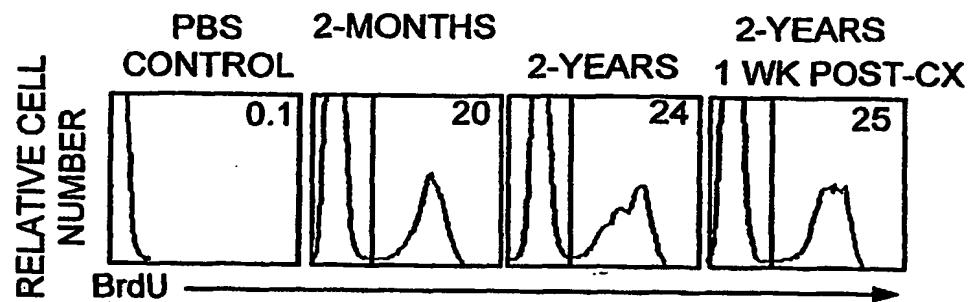


FIG. 4A

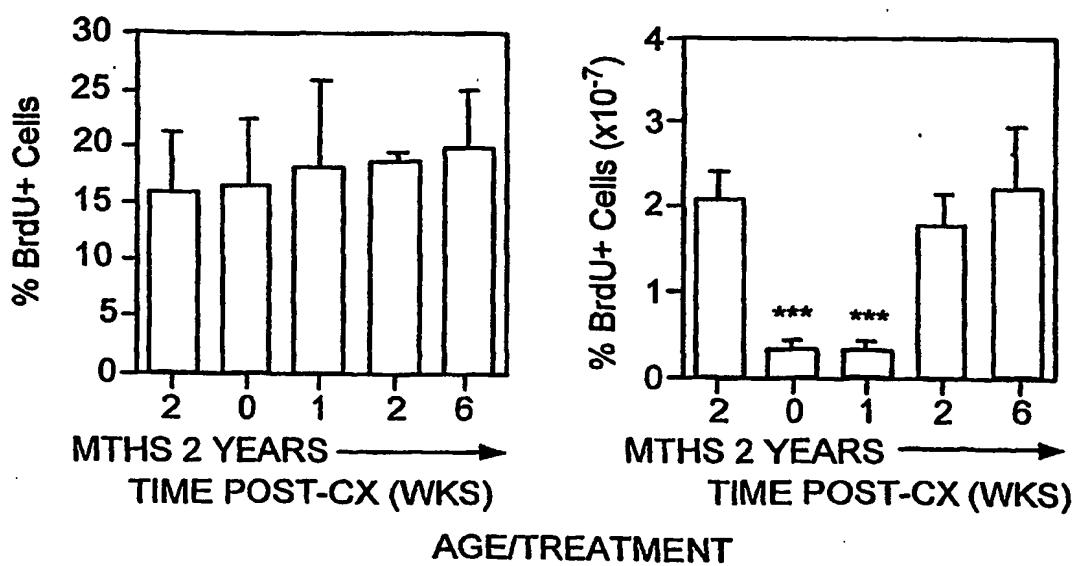


FIG. 4B

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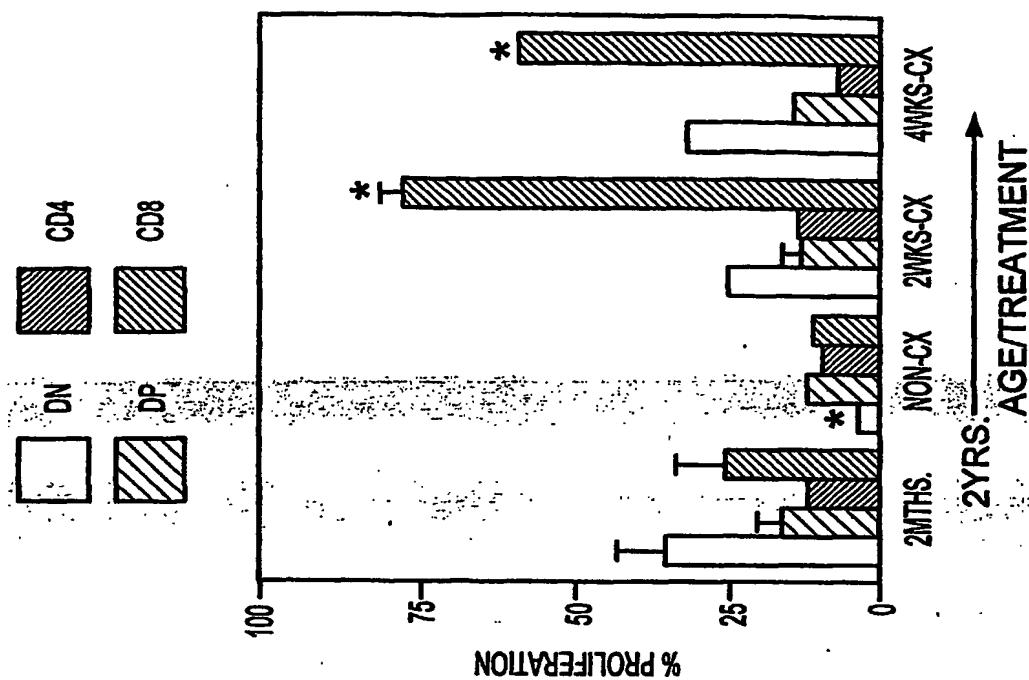


FIG. 5B

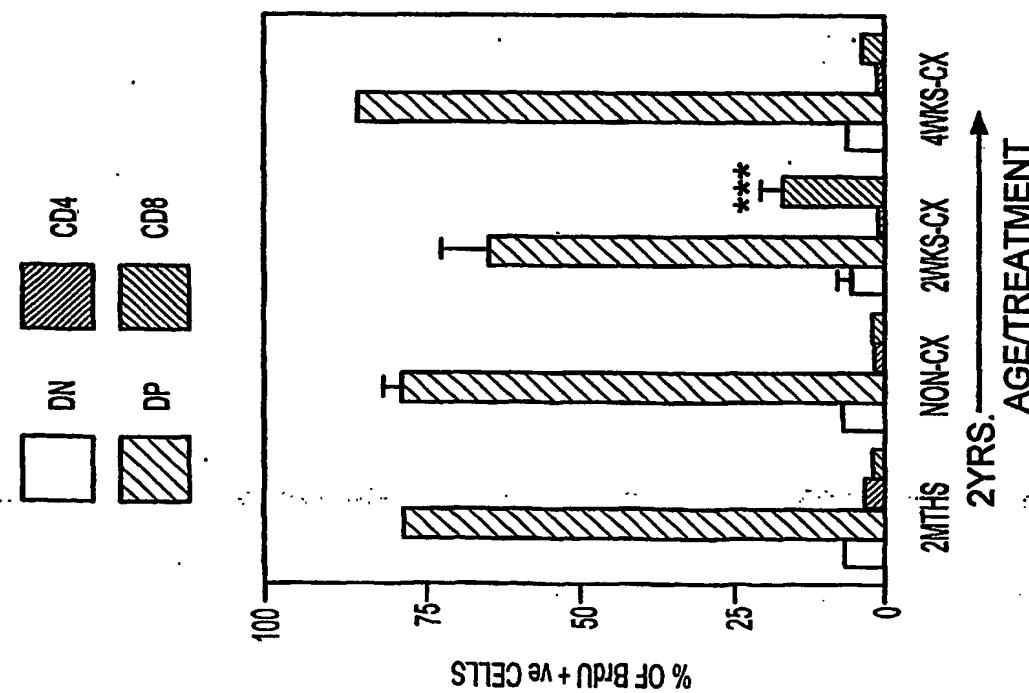


FIG. 5A

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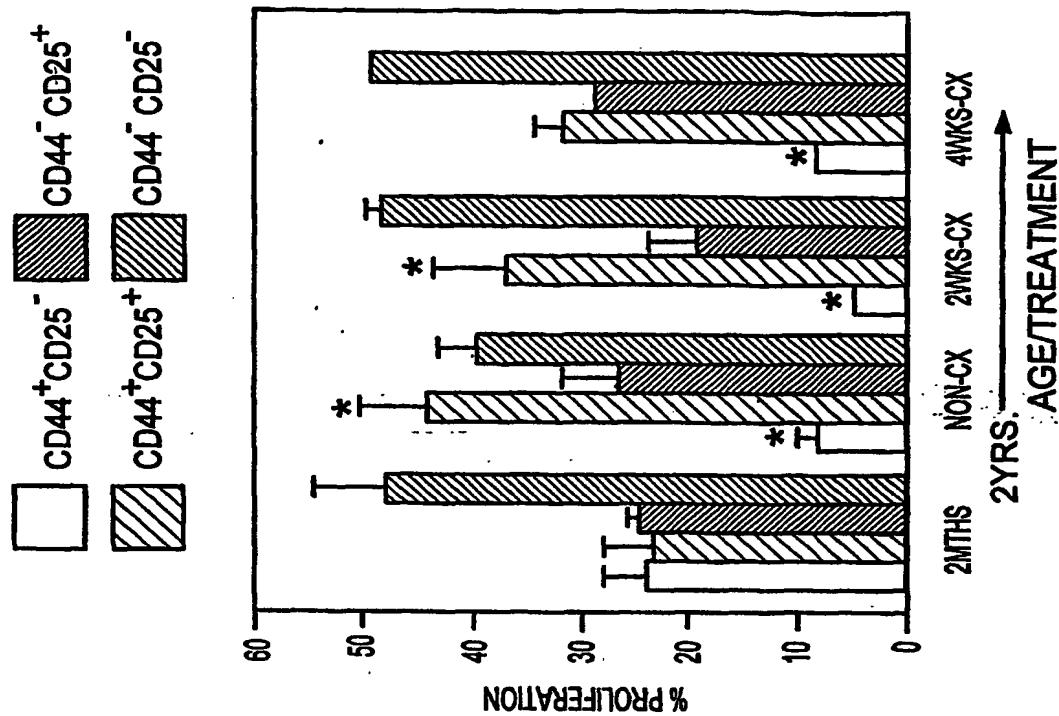


FIG. 5D

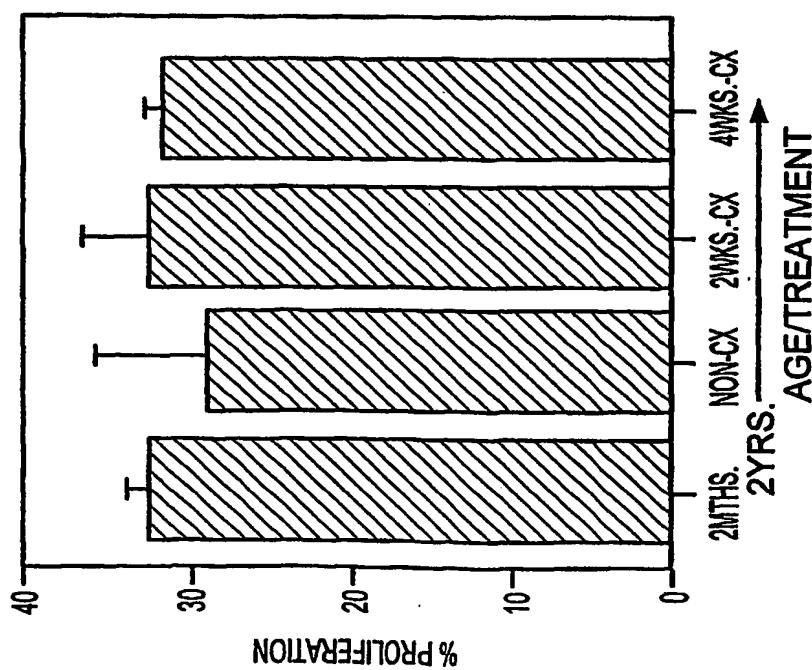


FIG. 5C

FIG. 5E

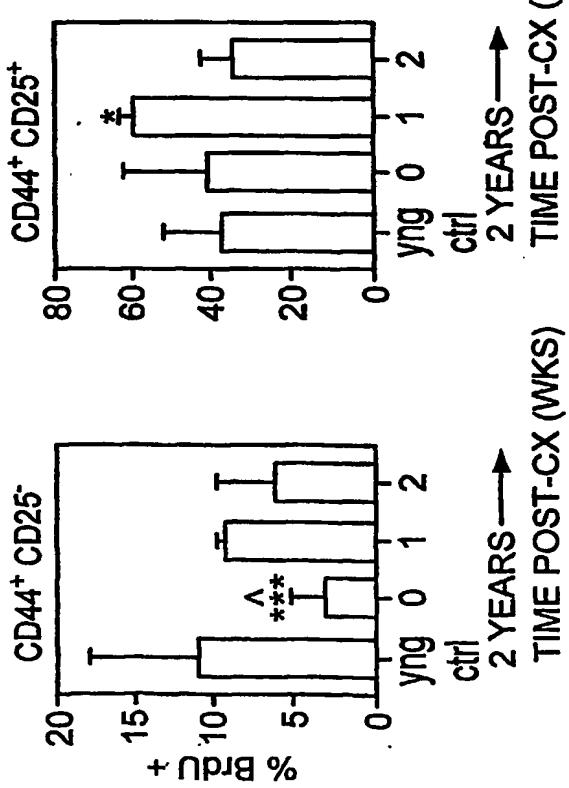


FIG. 5G

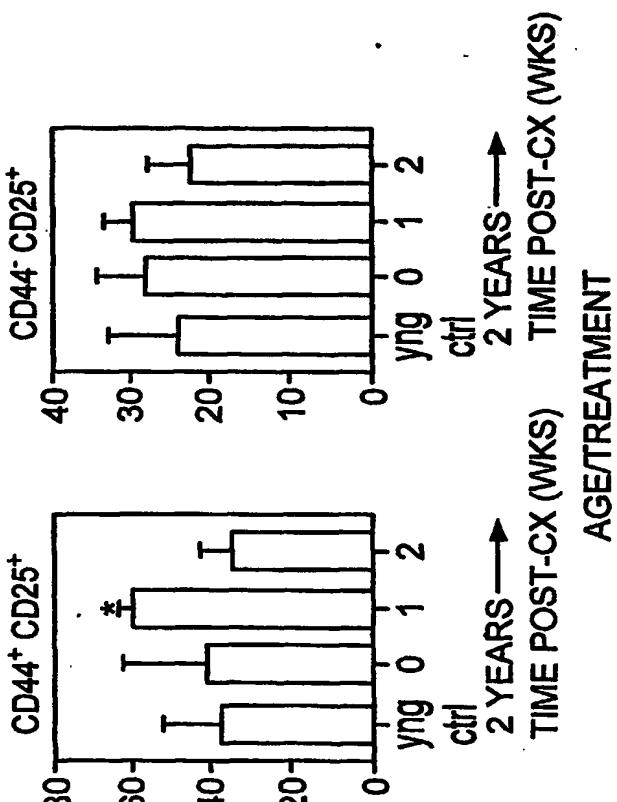
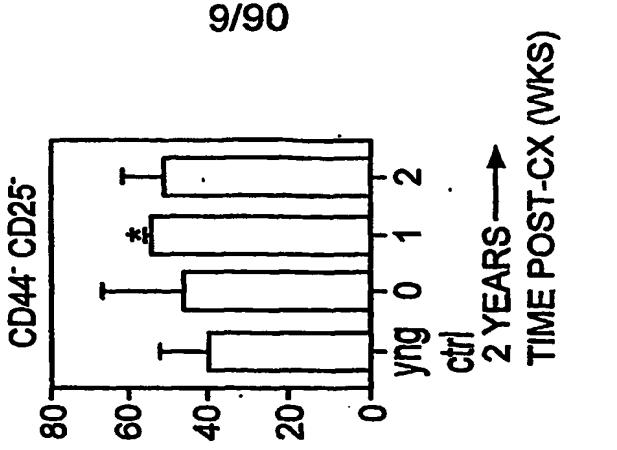


FIG. 5H



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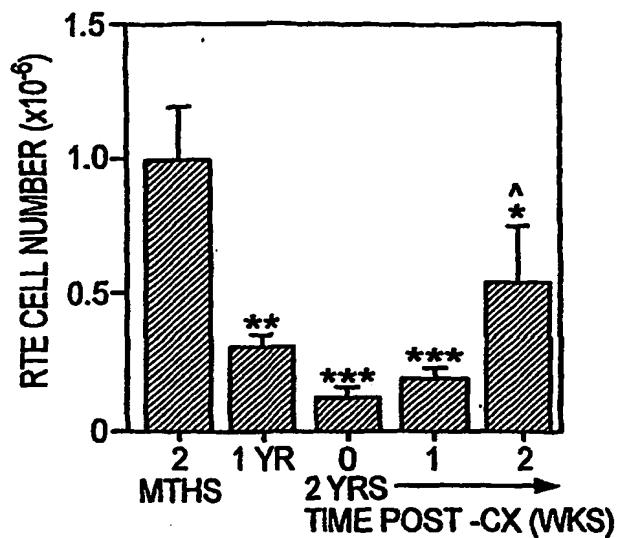


FIG. 6A

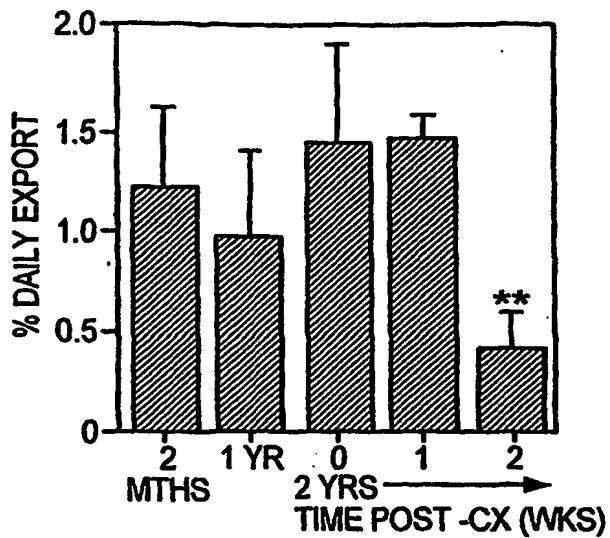


FIG. 6B

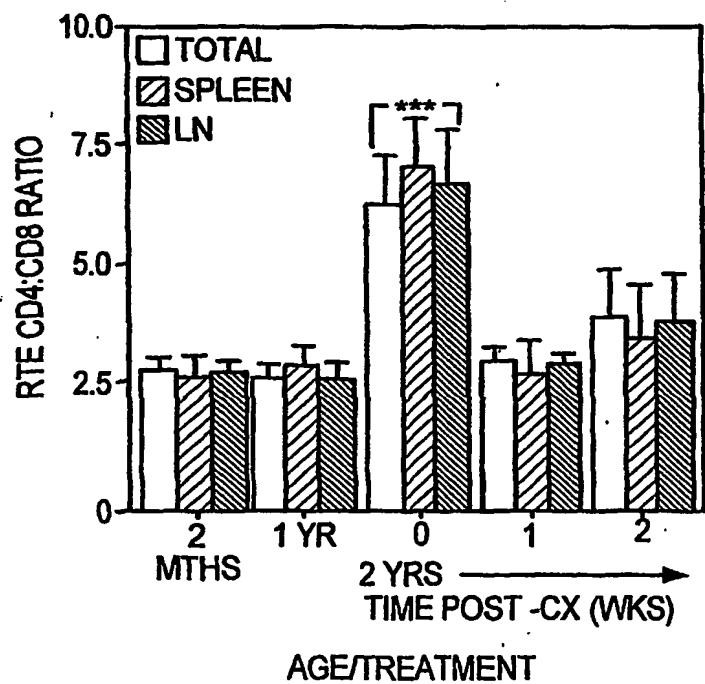
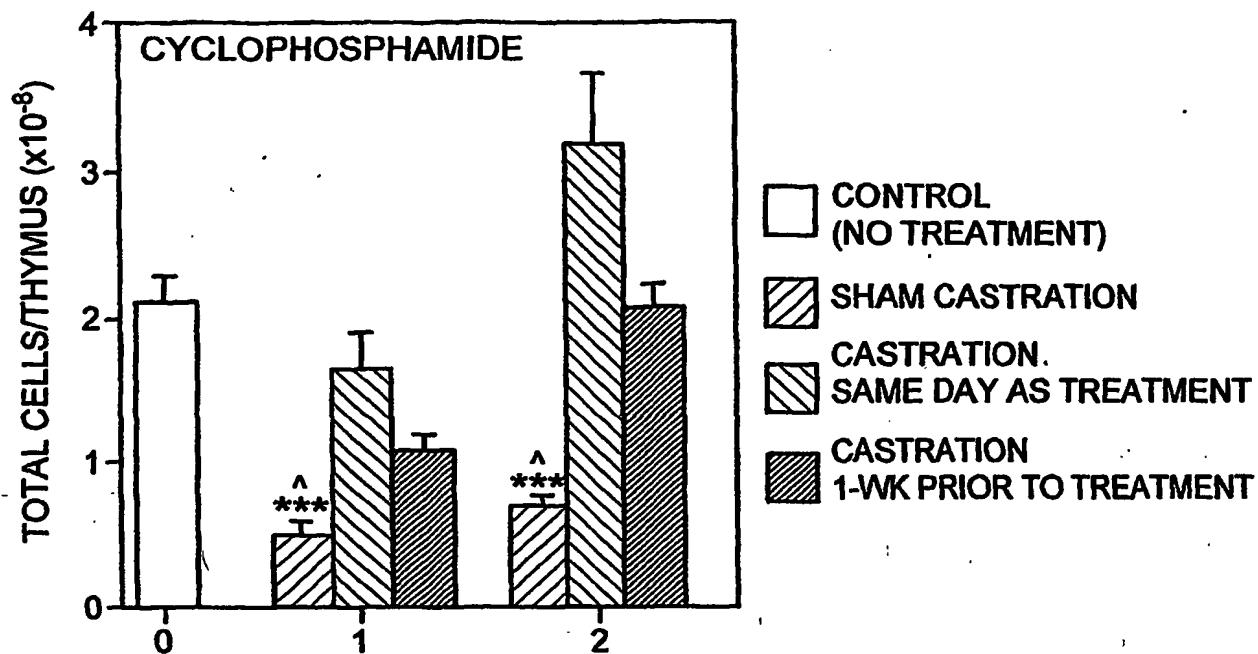
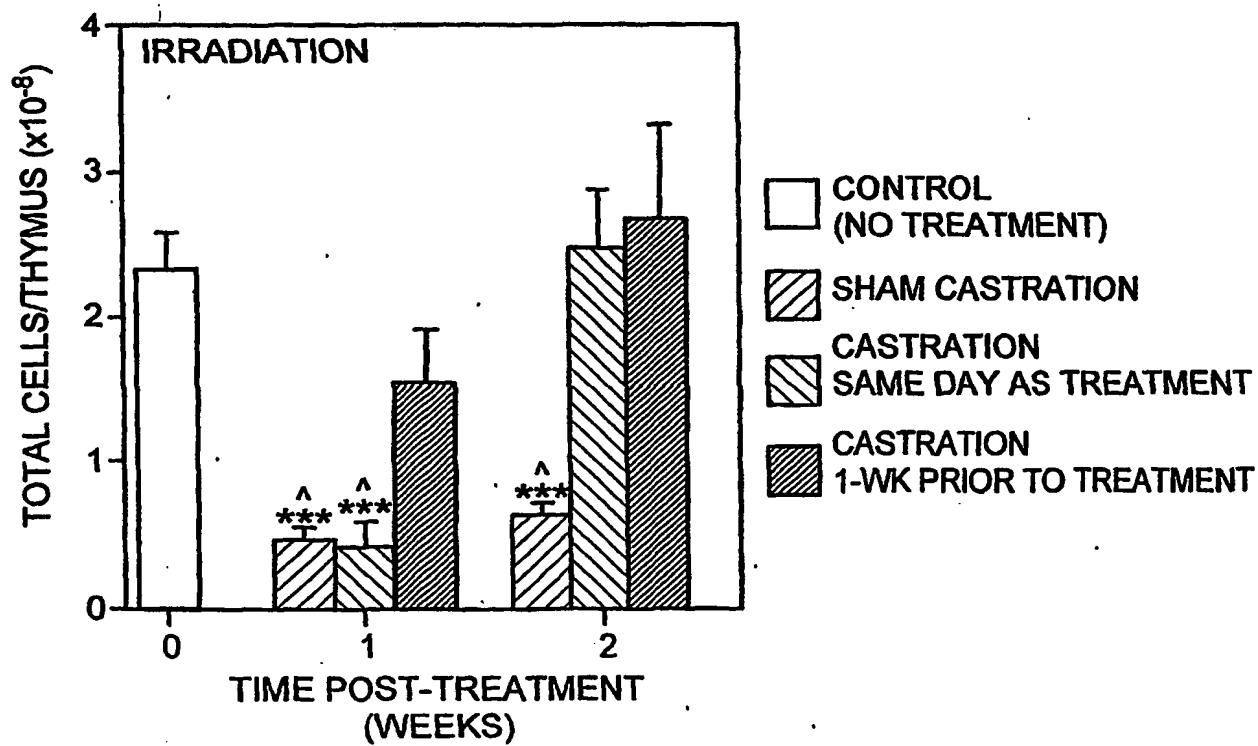
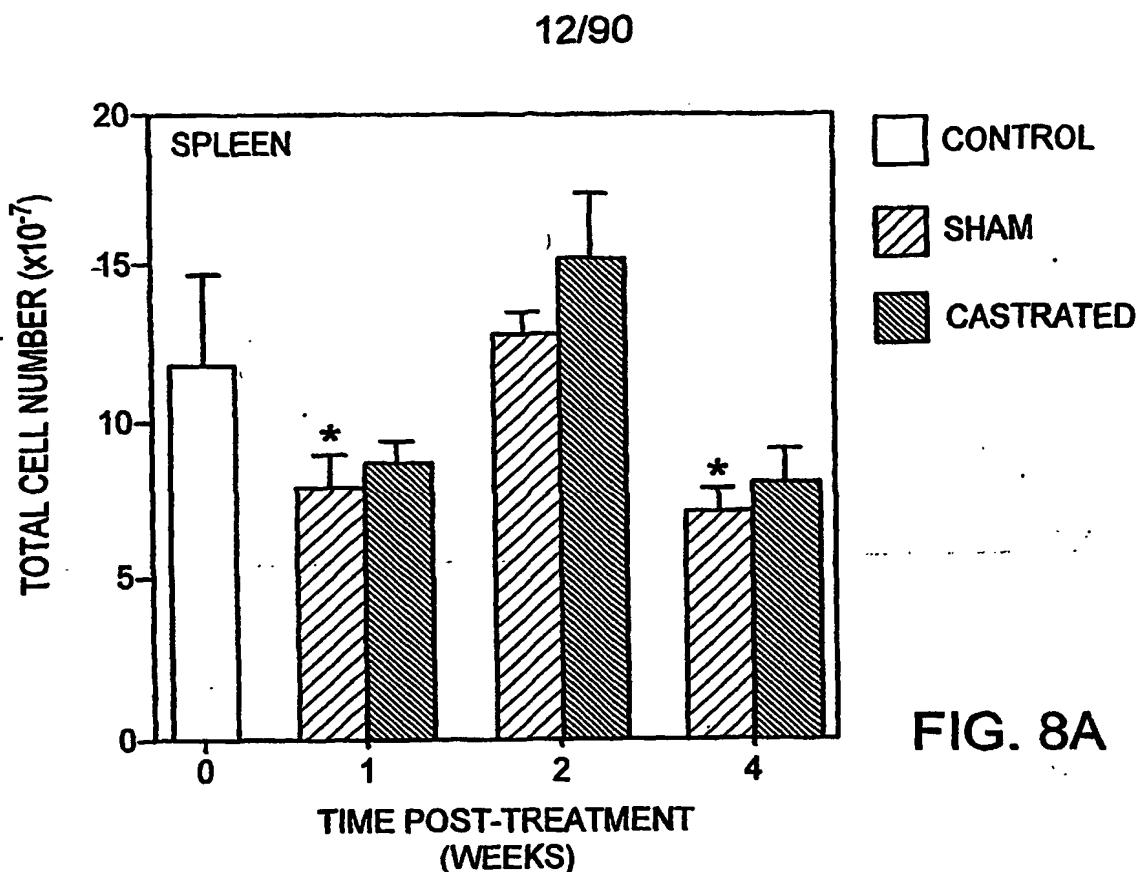
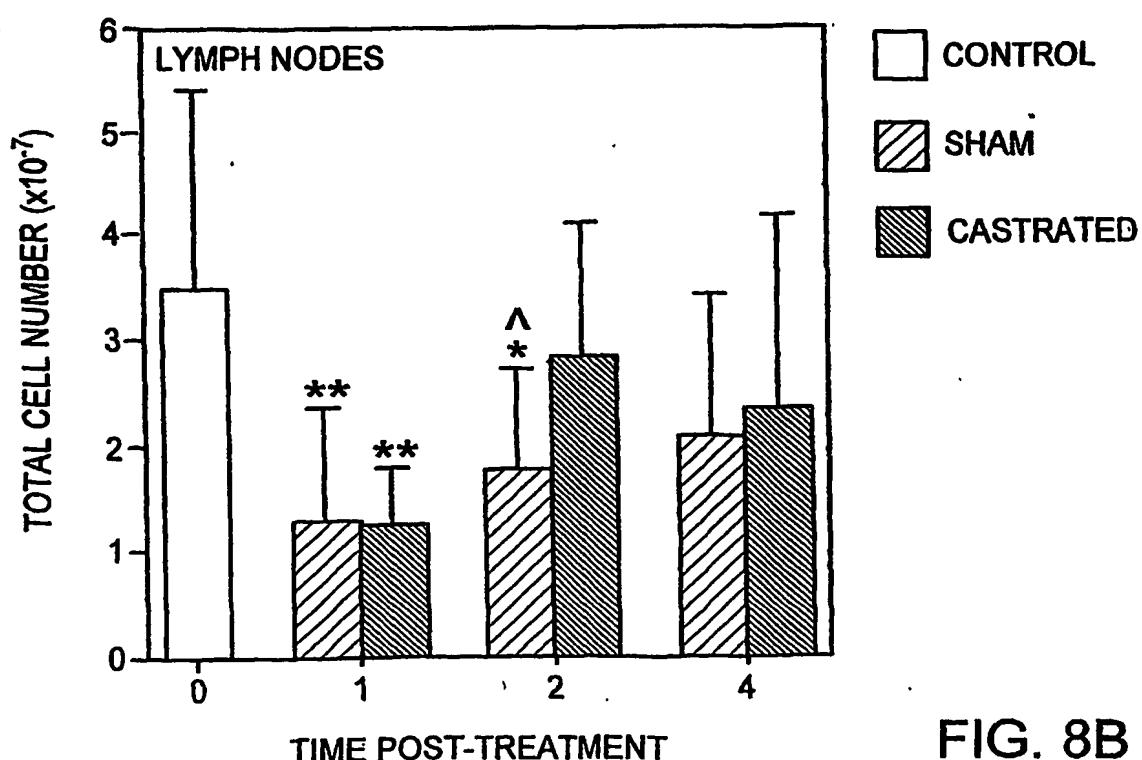


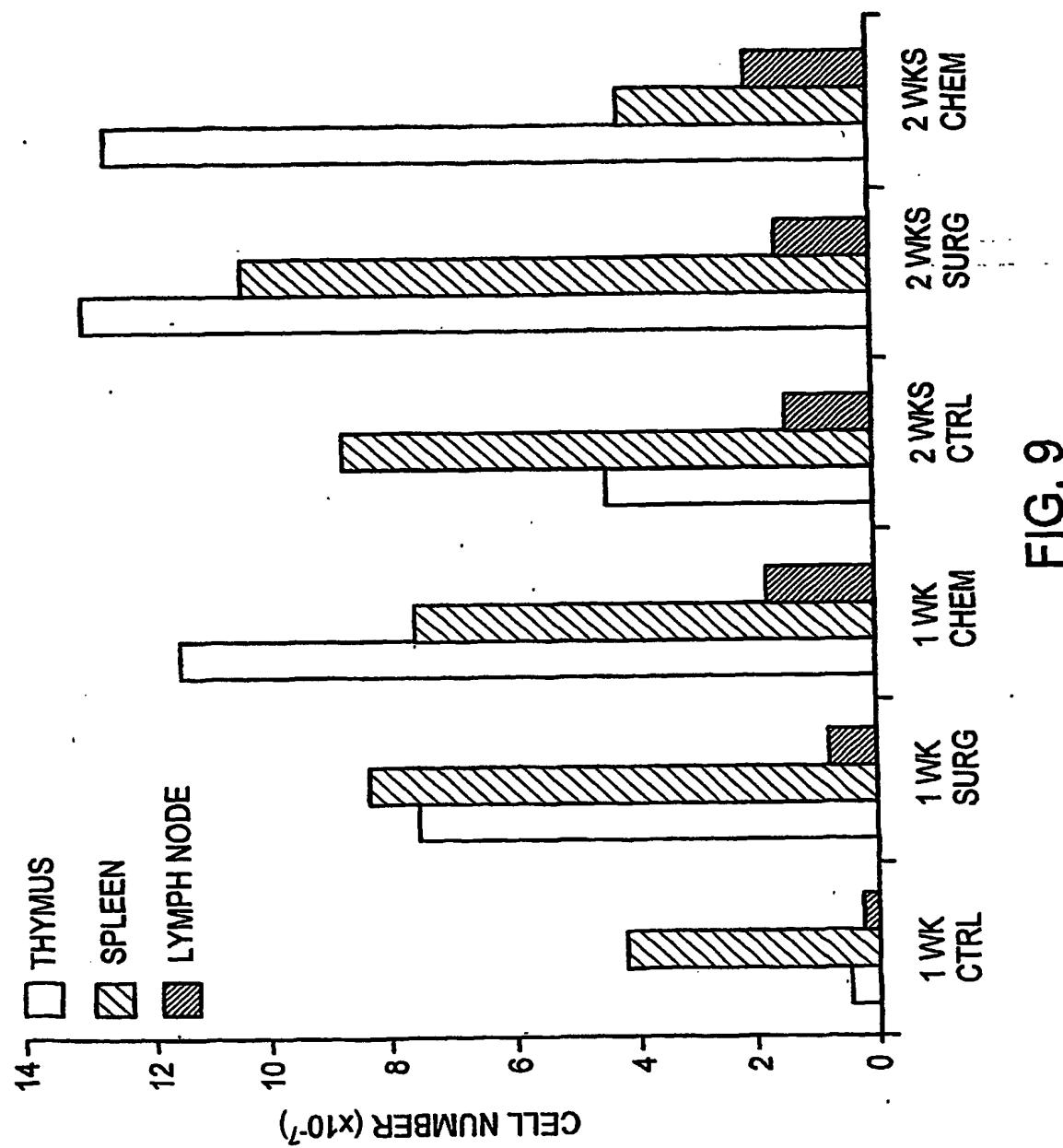
FIG. 6C

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**FIG. 7A****FIG. 7B**

**FIG. 8A****FIG. 8B**

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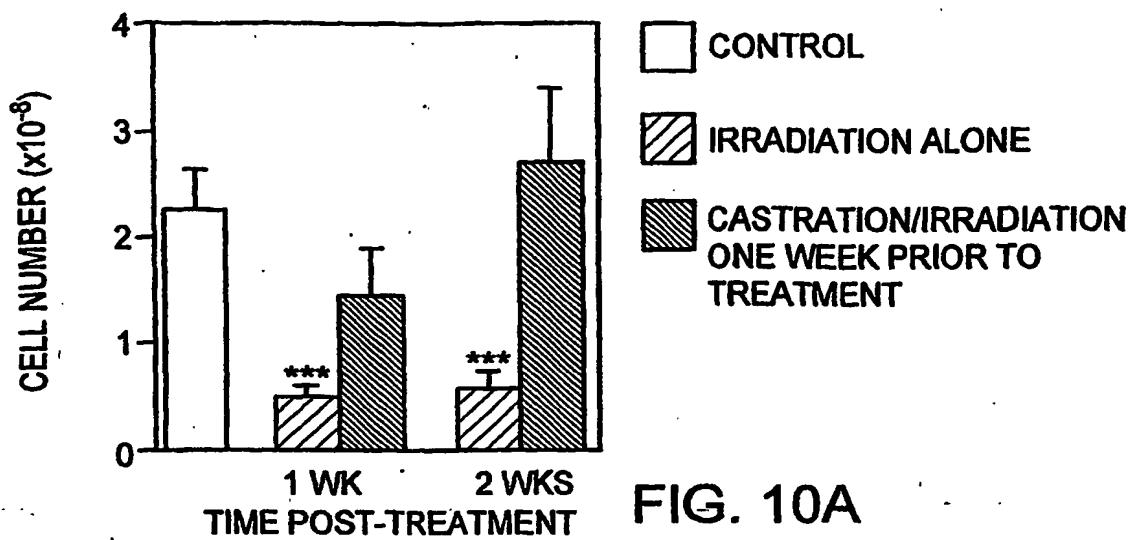


FIG. 10A

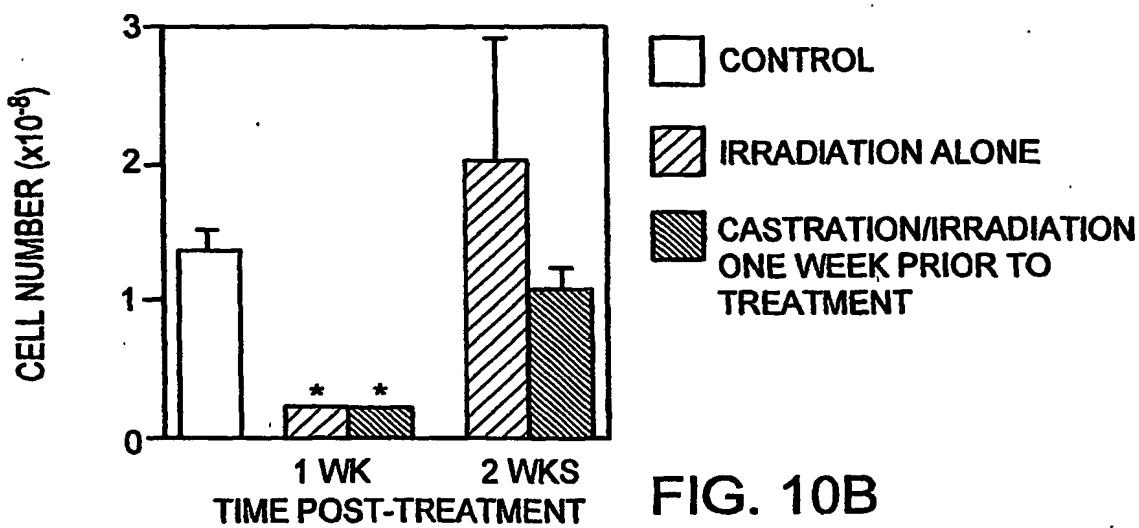


FIG. 10B

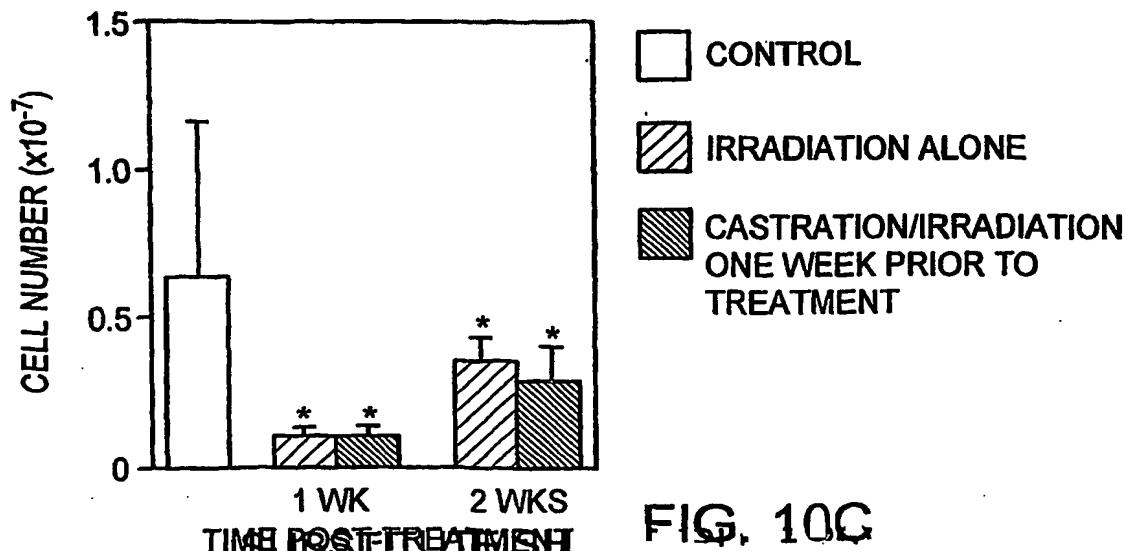


FIG. 10C

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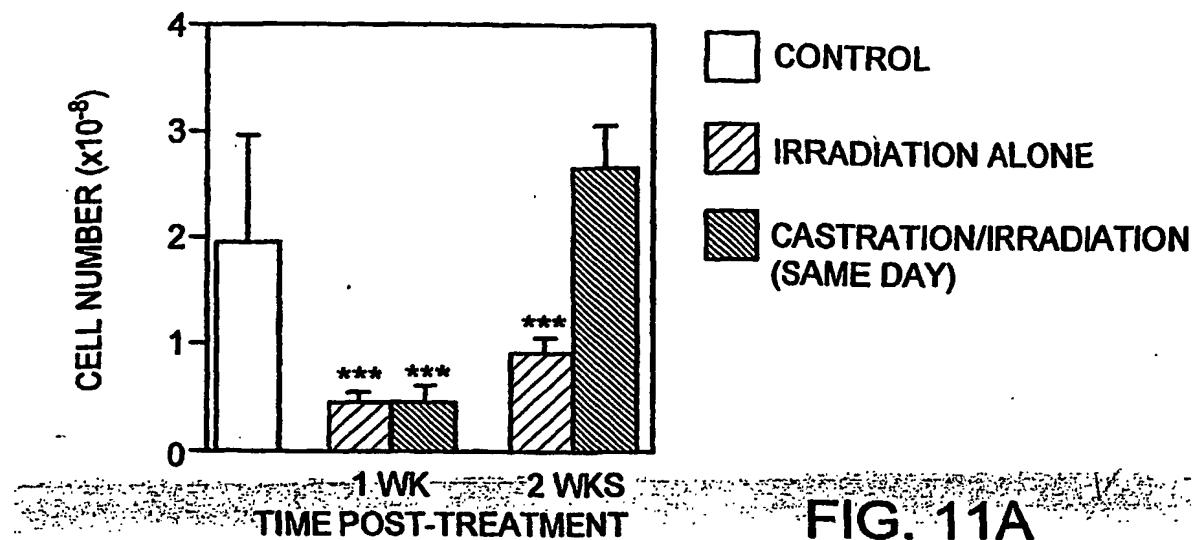


FIG. 11A

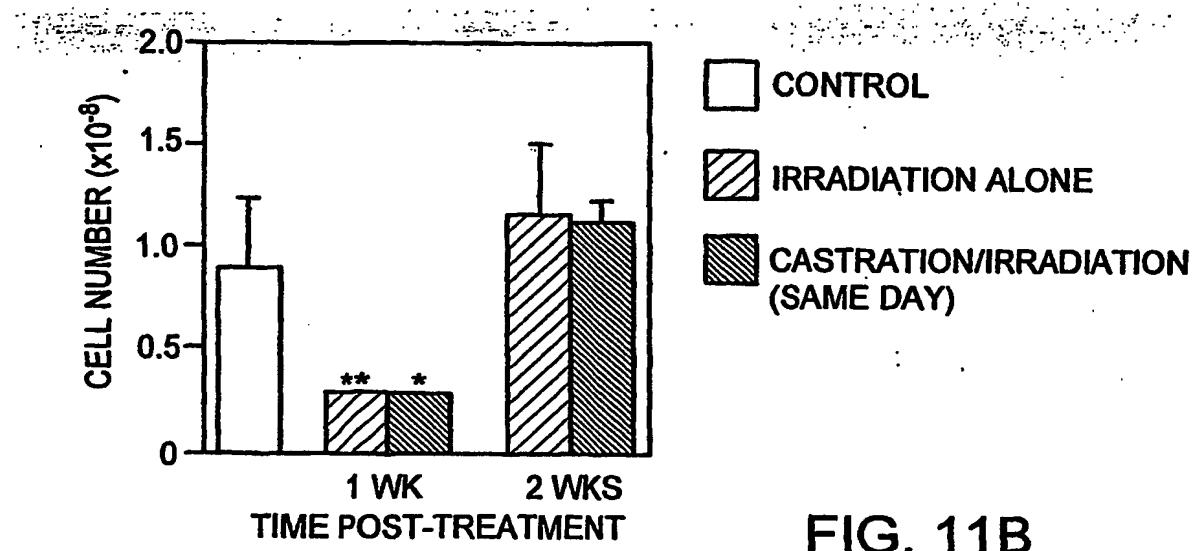


FIG. 11B

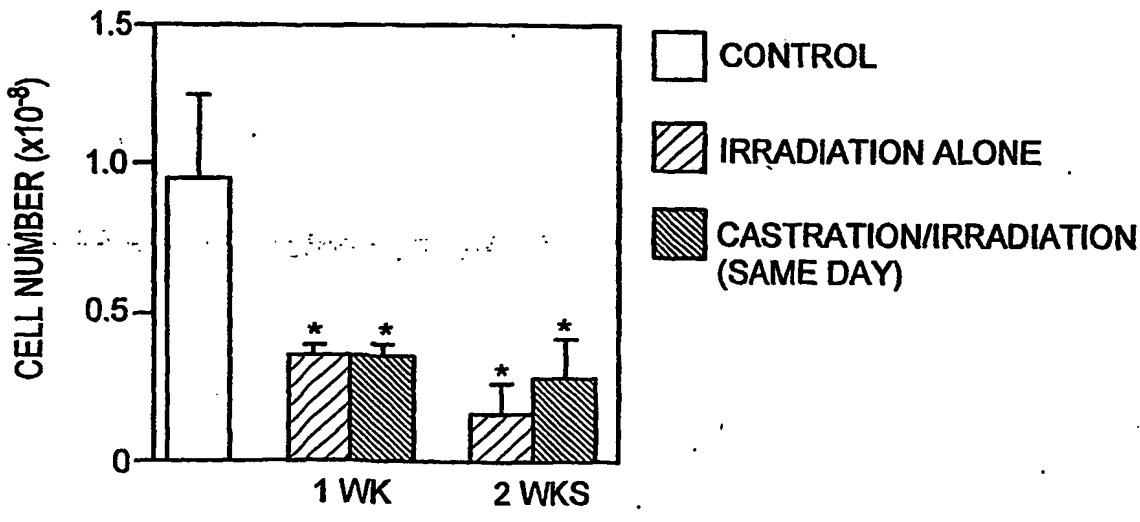


FIG. 11C

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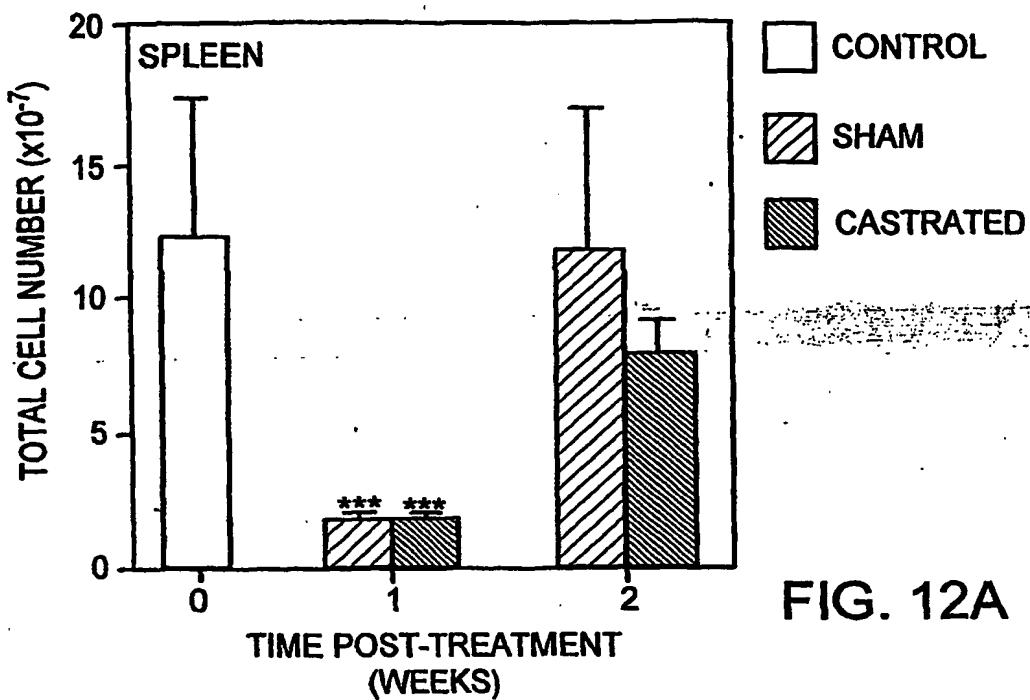


FIG. 12A

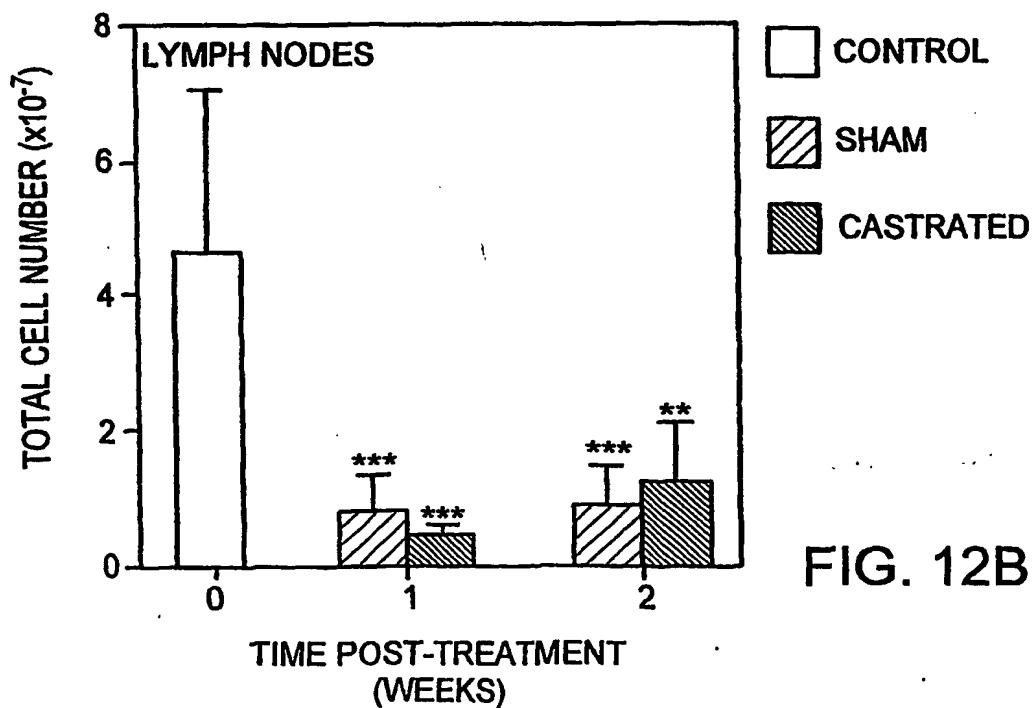


FIG. 12B

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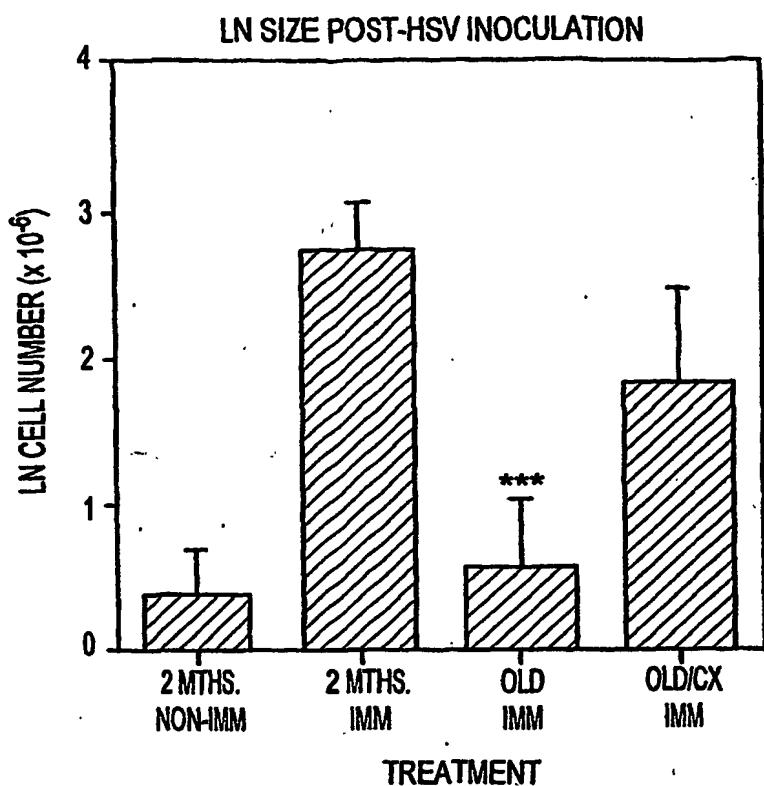


FIG. 13A

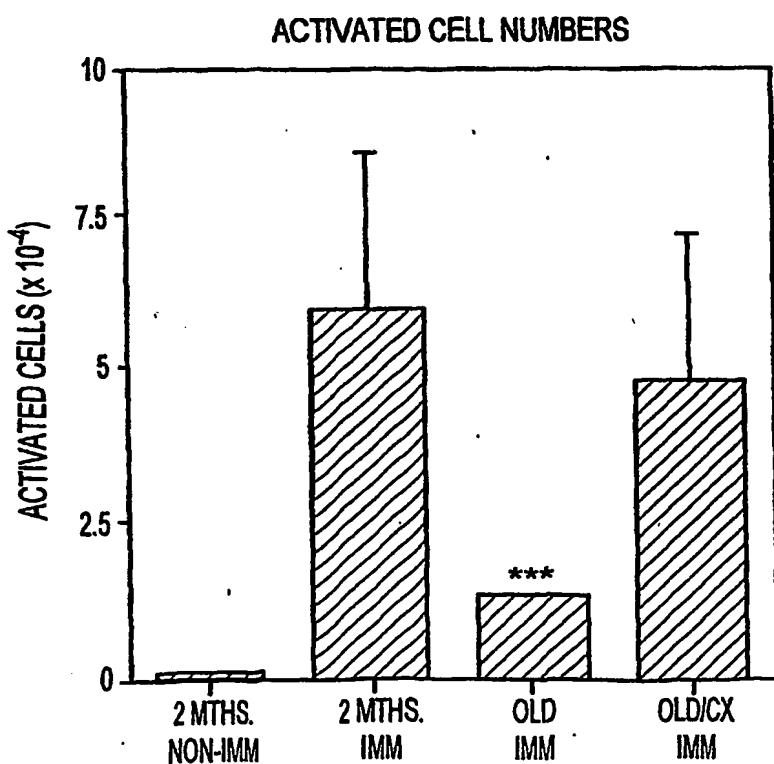


FIG. 13B

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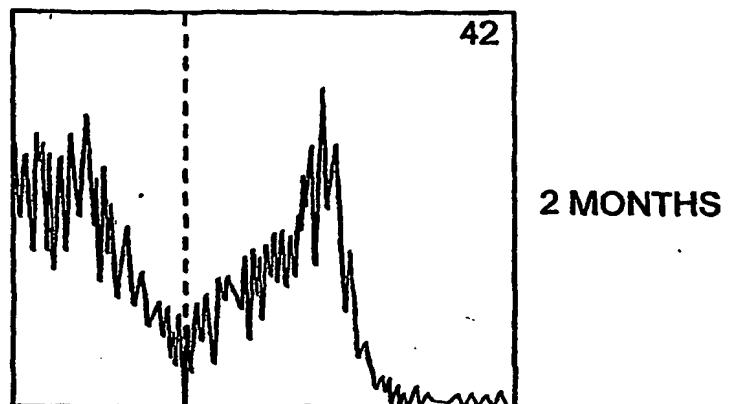


FIG. 14A

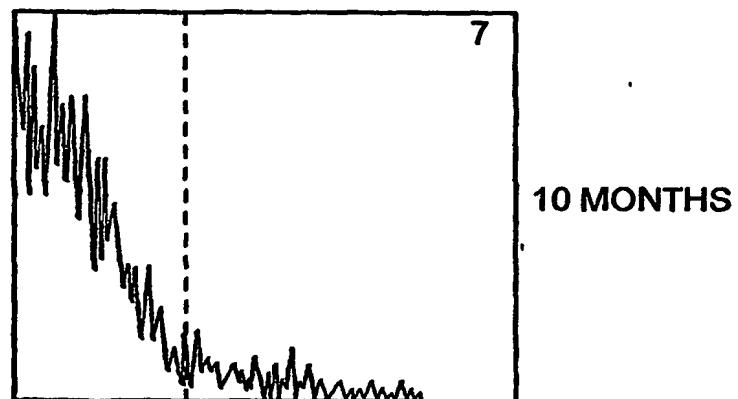


FIG. 14B

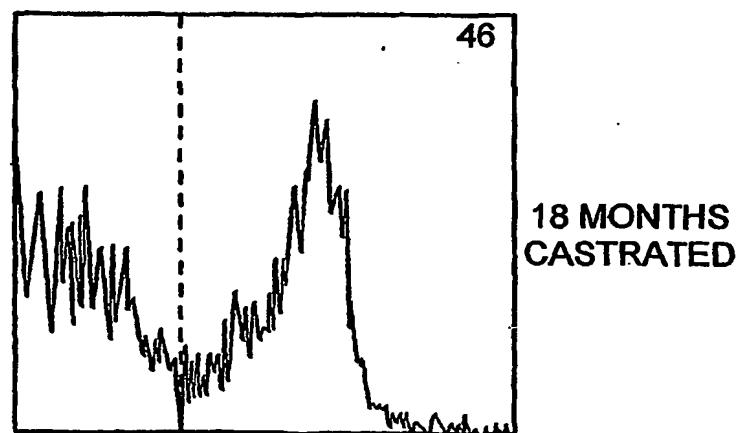


FIG. 14C

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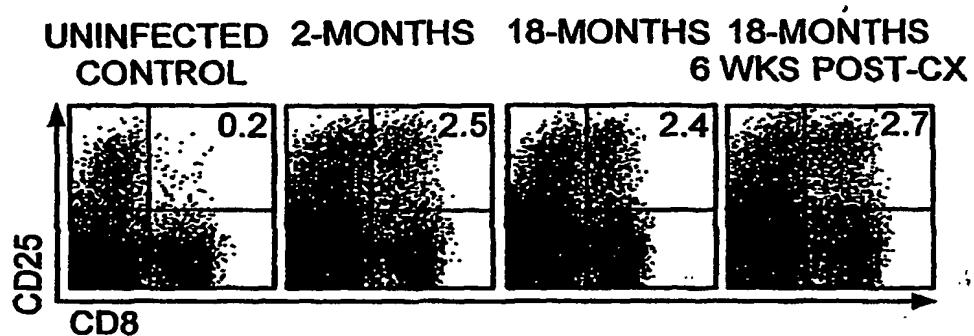
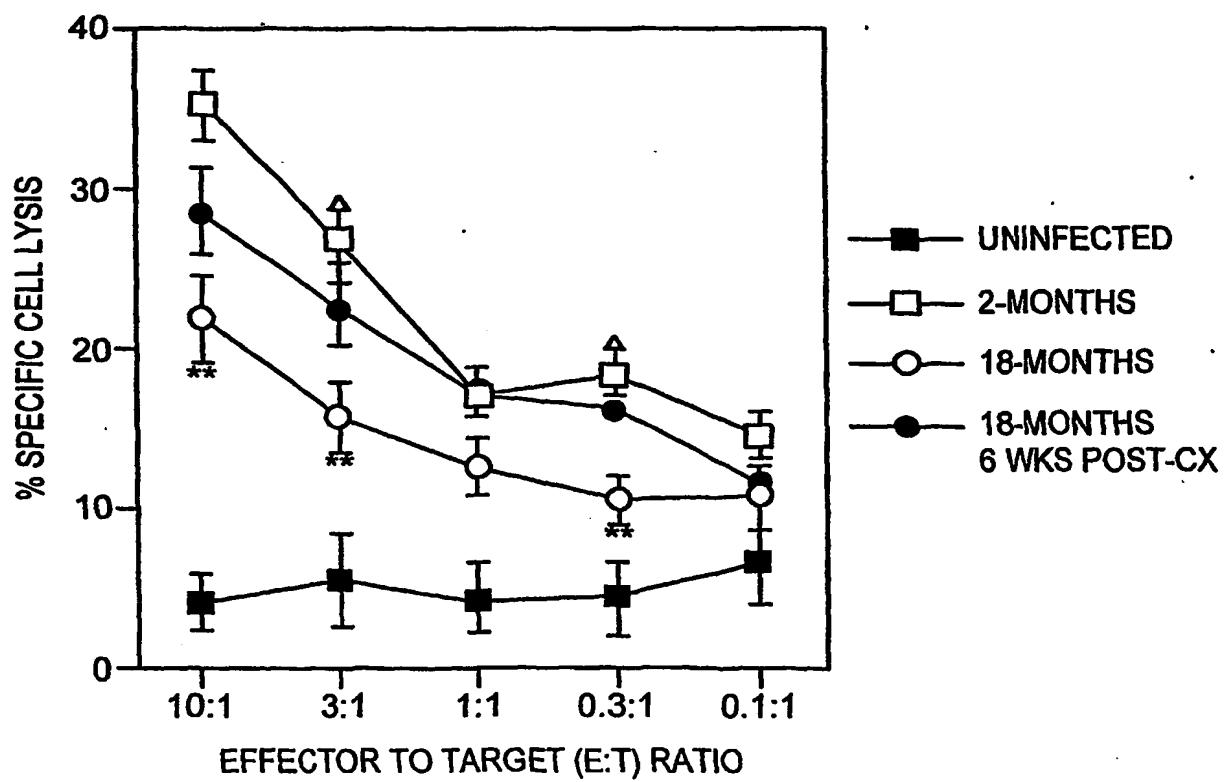


FIG. 15



**FIG. 16.**

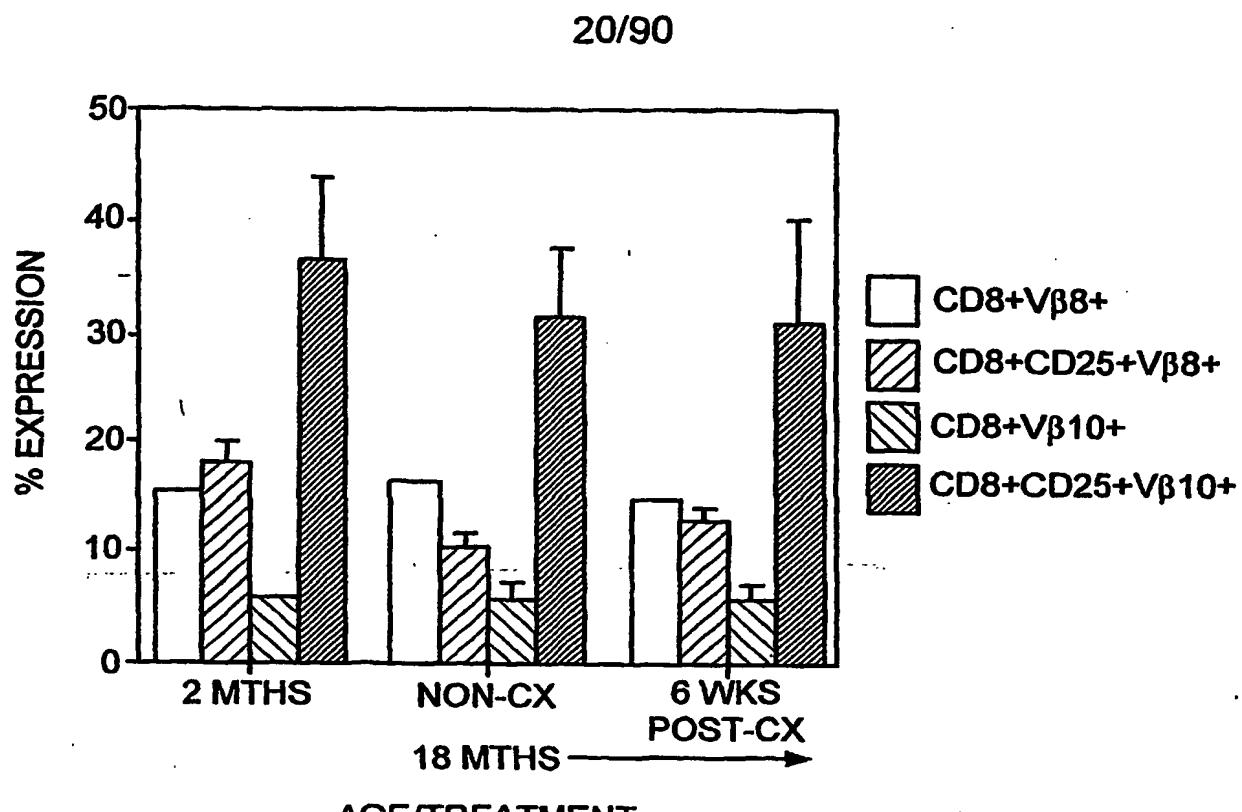


FIG. 17A

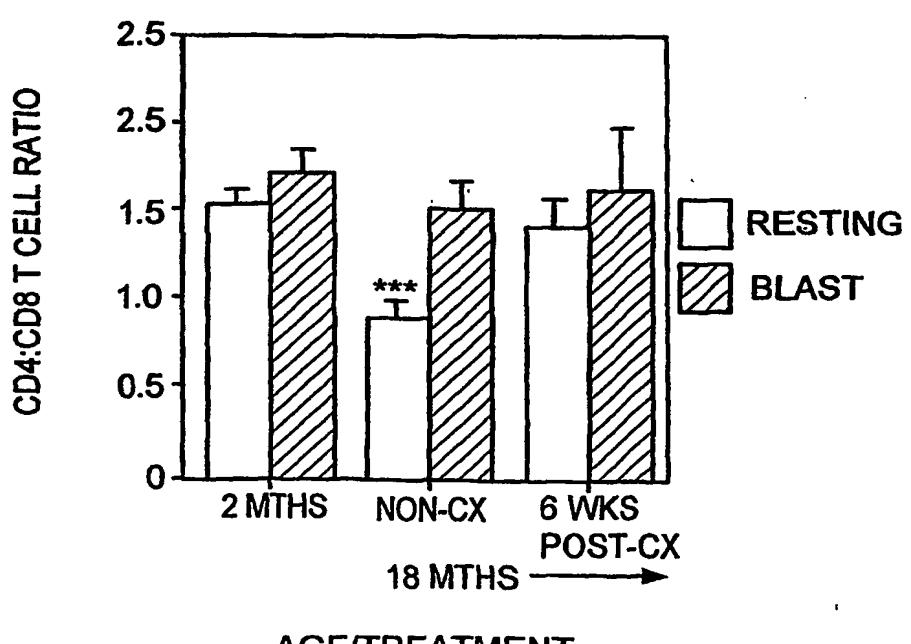


FIG. 17B

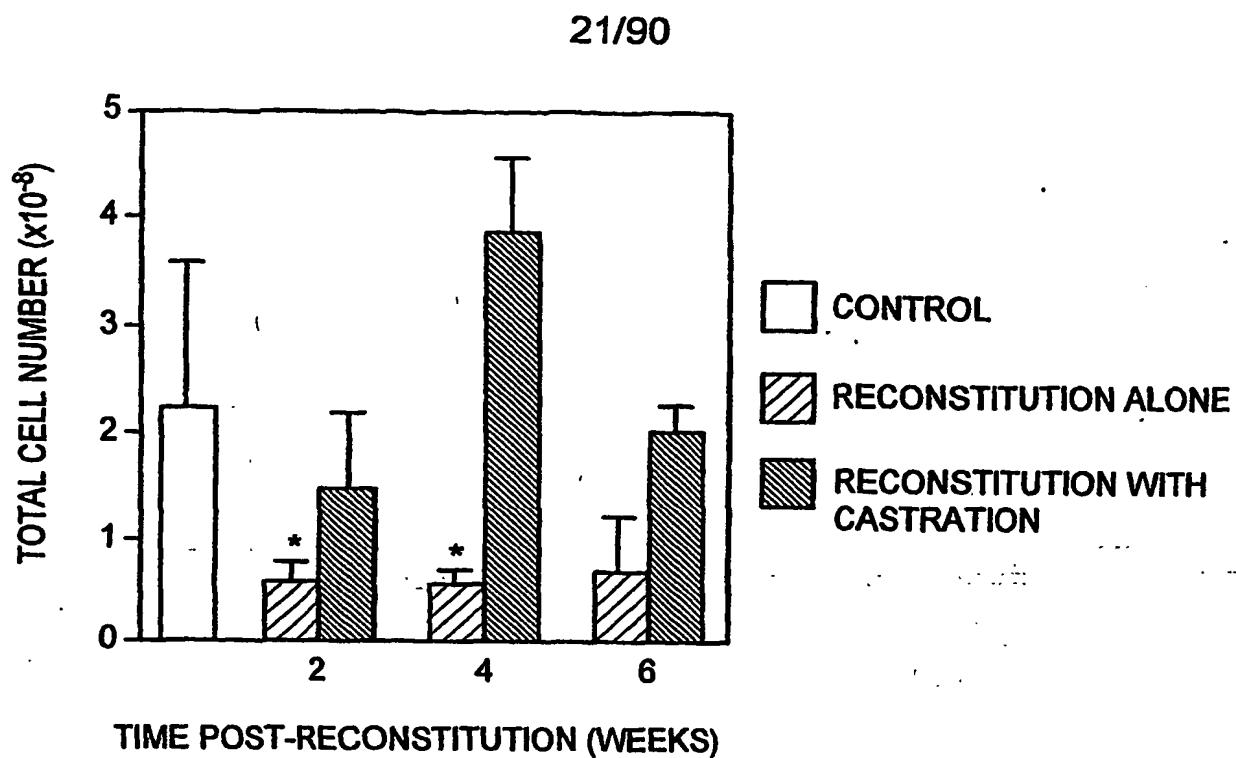


FIG. 18A

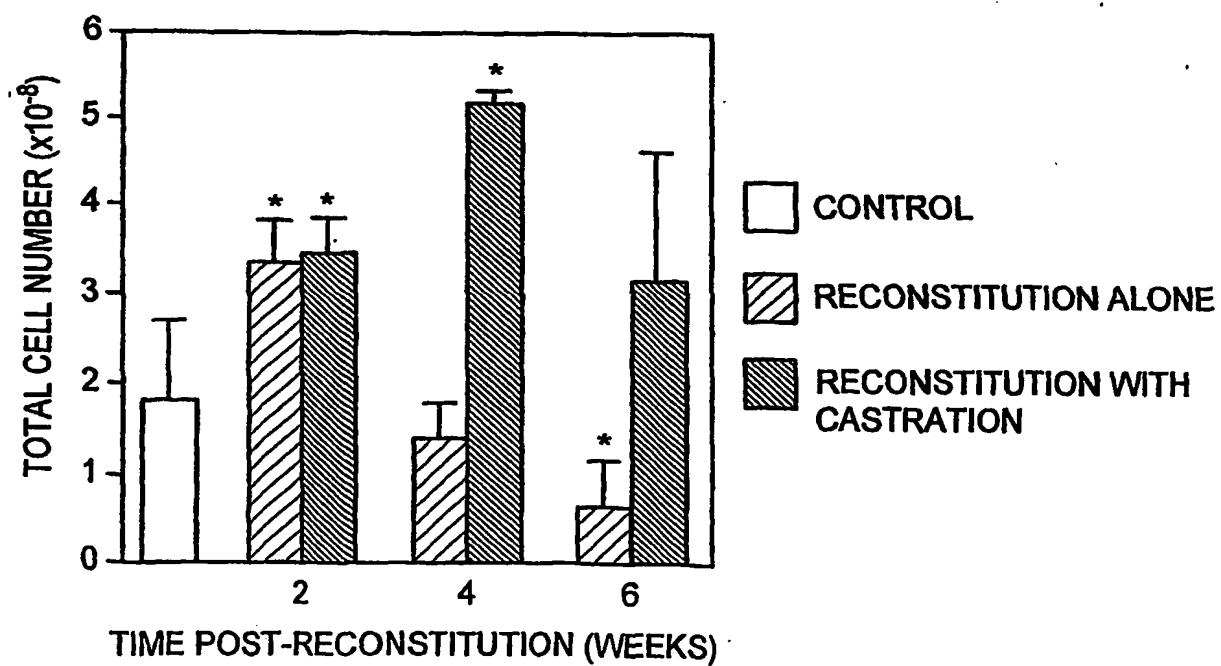


FIG. 18B

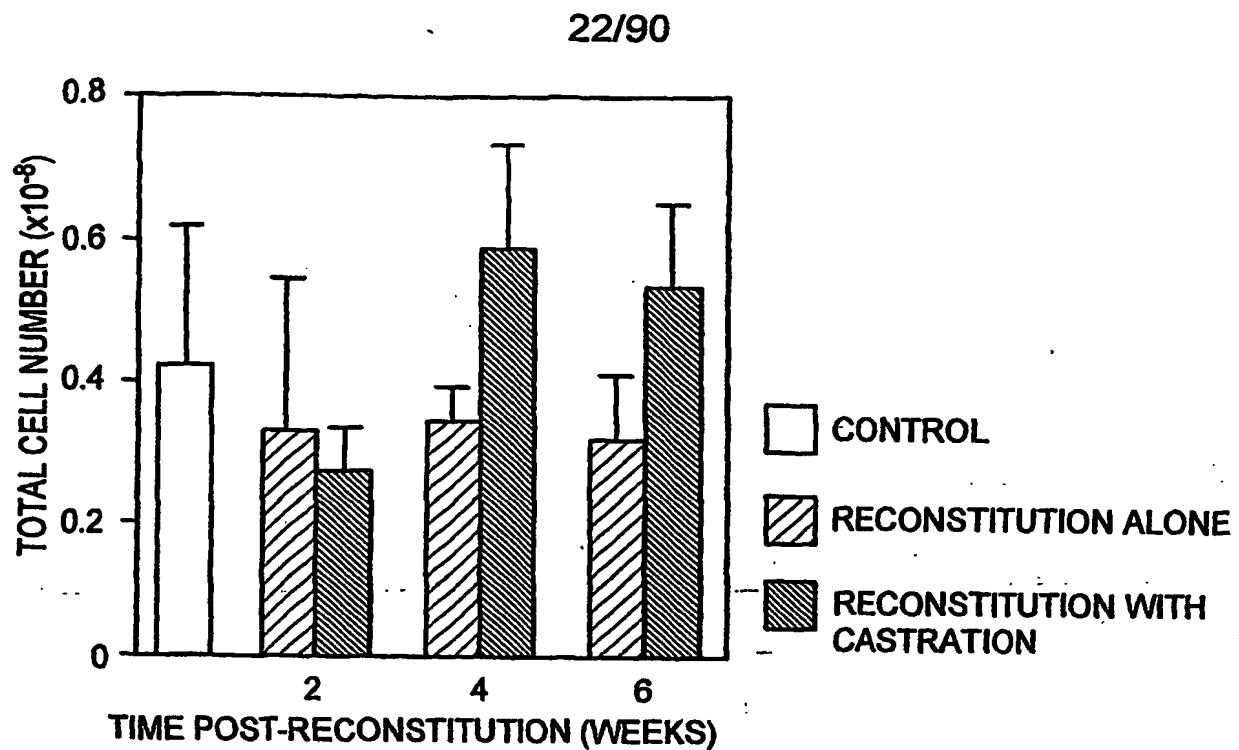


FIG. 18C

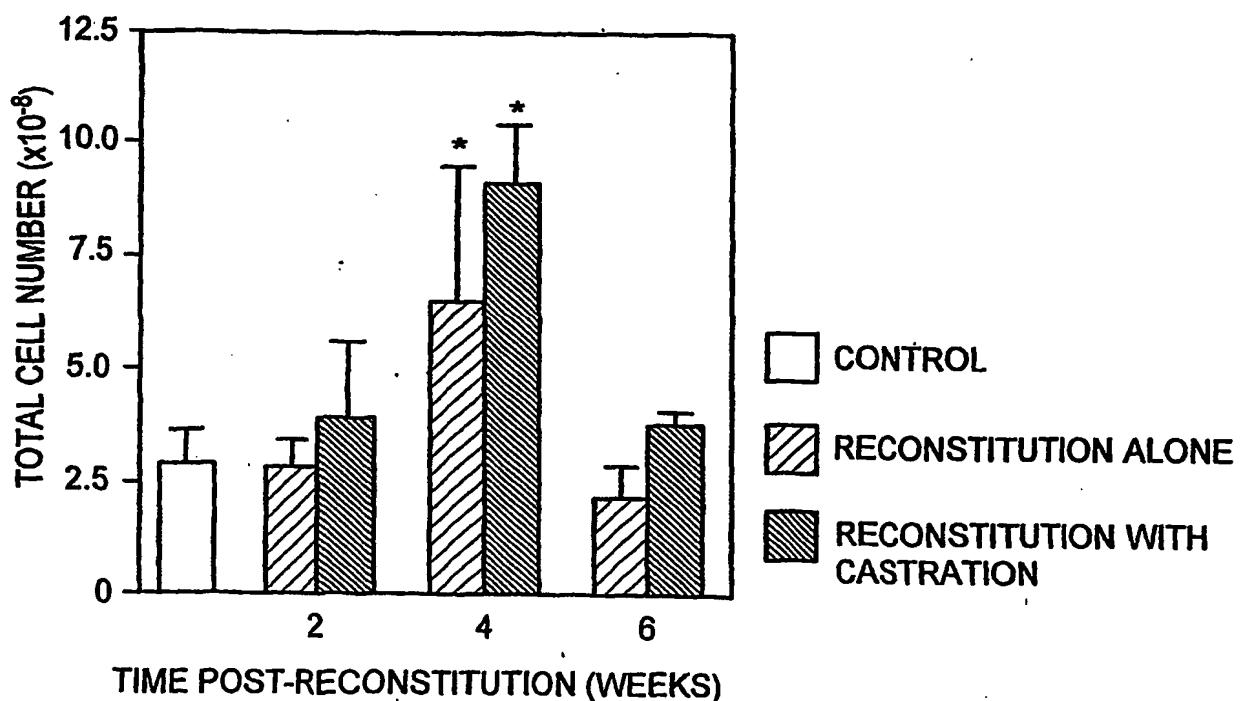


FIG. 18D

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## BONE MARROW

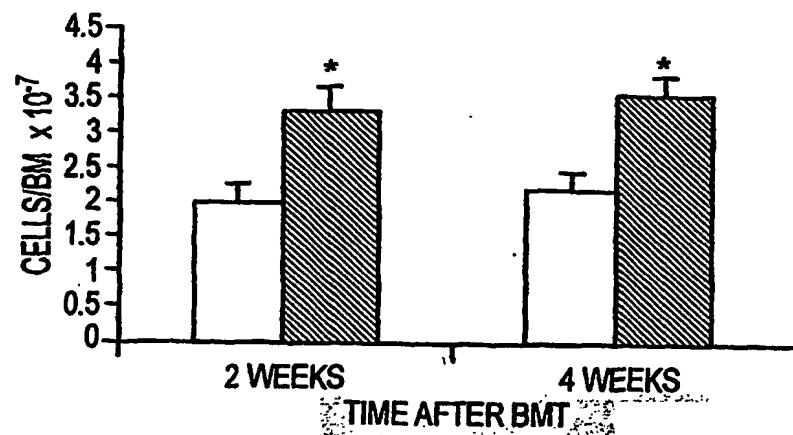


FIG. 19A

## THYMUS

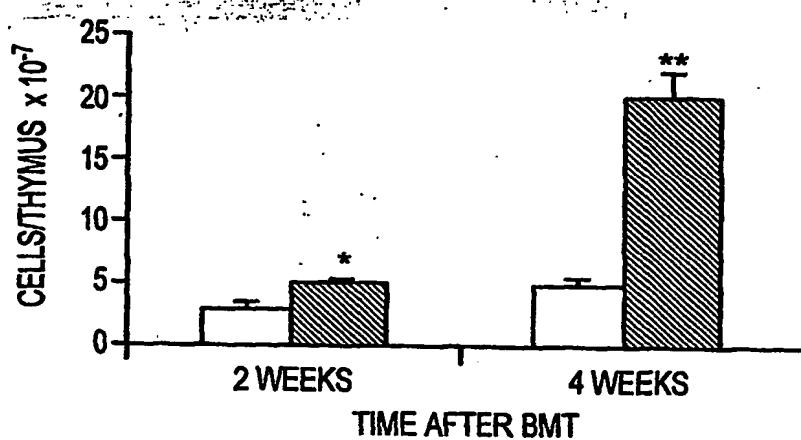


FIG. 19B

## SPLEEN

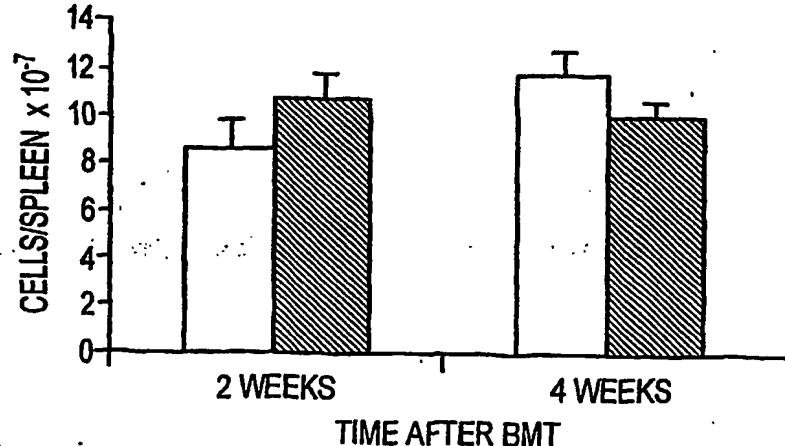


FIG. 19C

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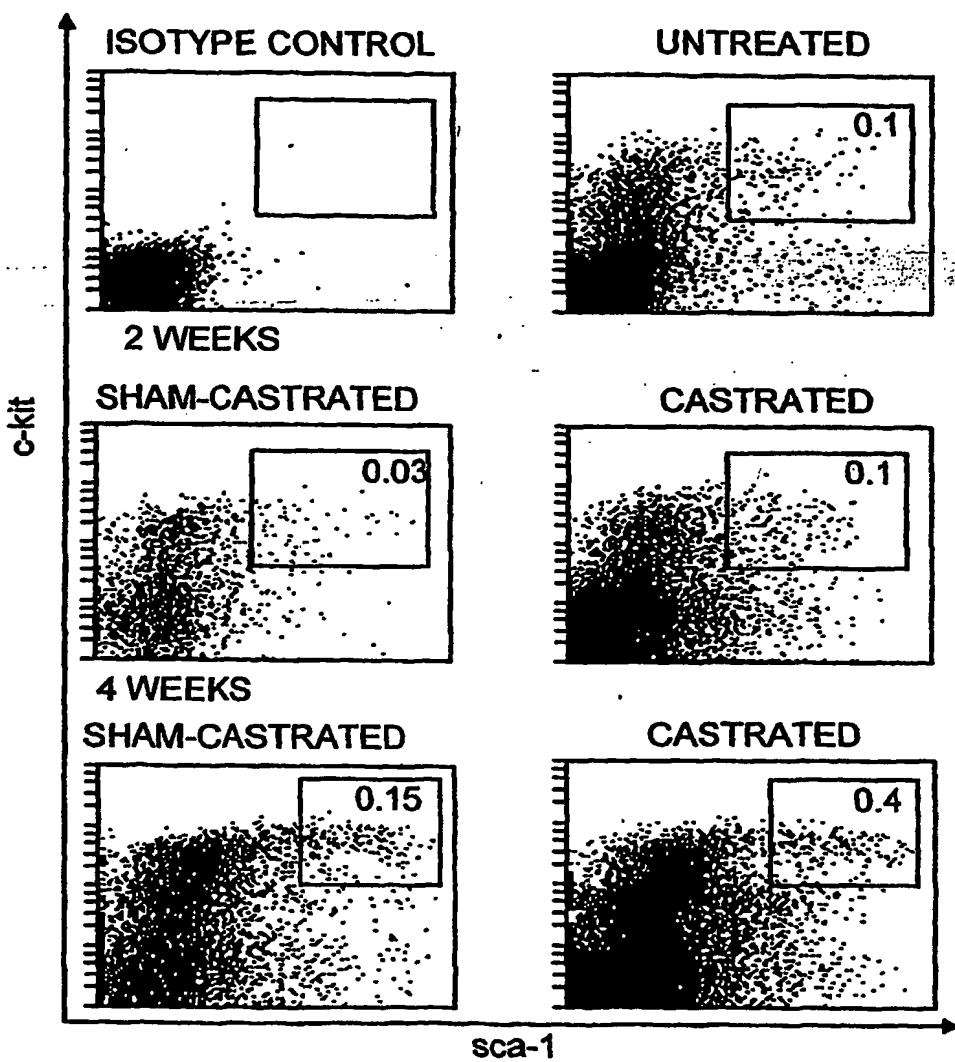


FIG. 20

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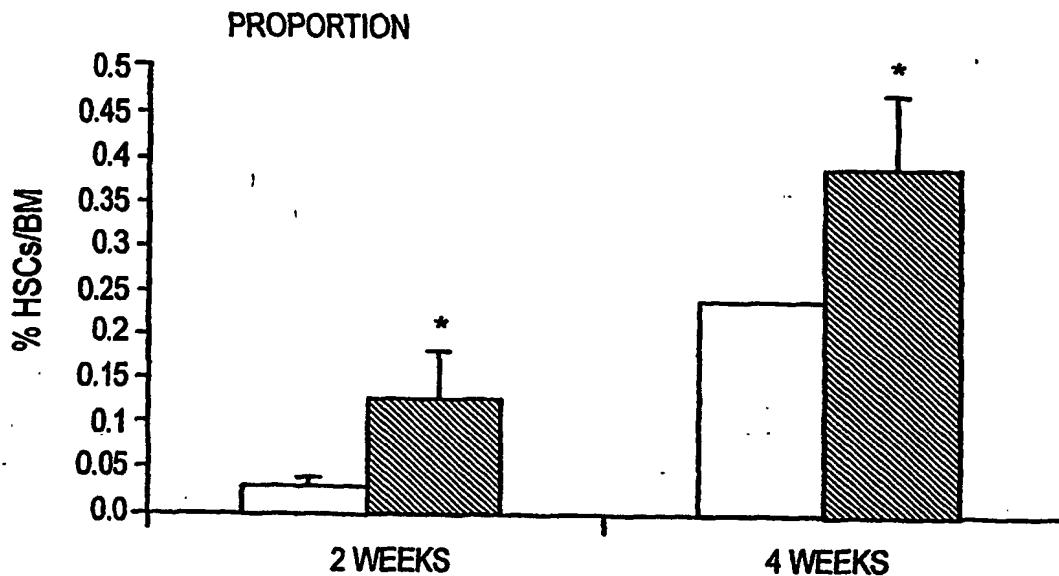


FIG. 21A

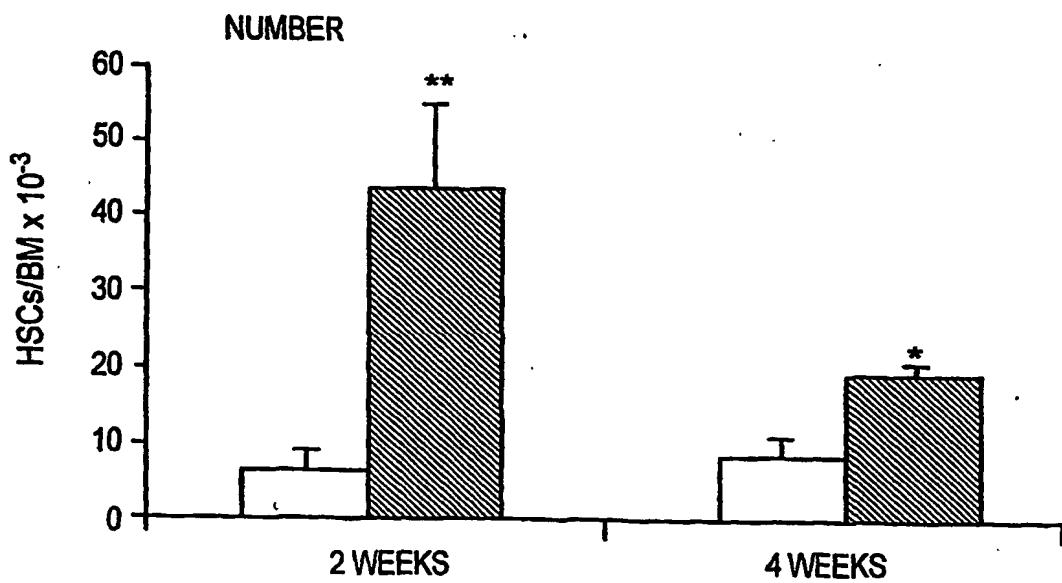
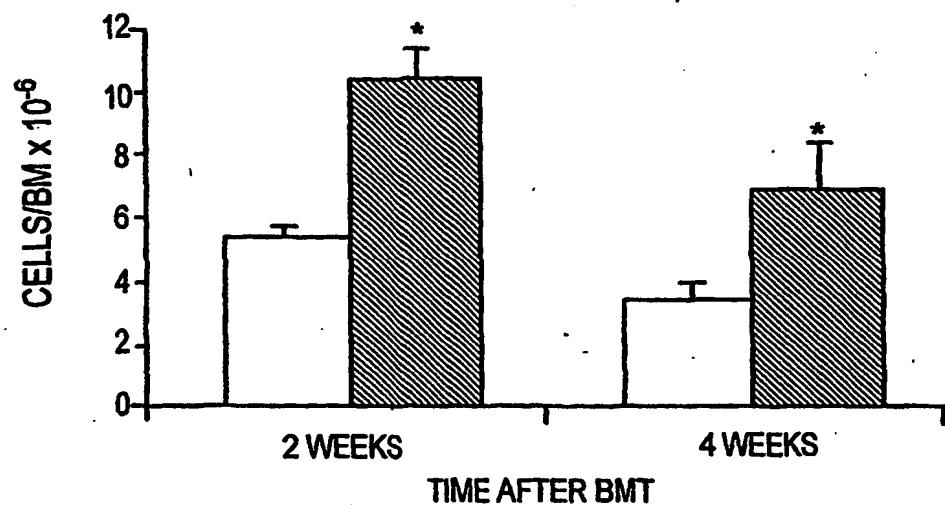
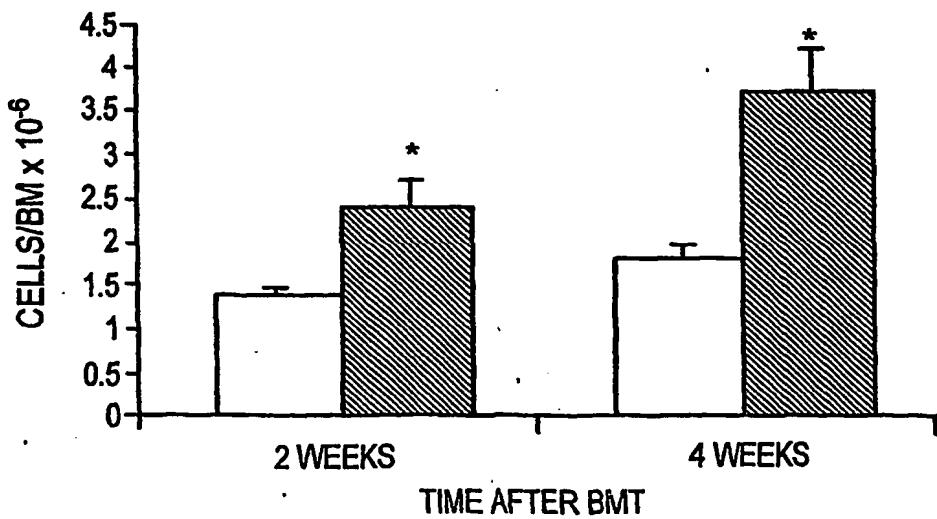


FIG. 21B

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**B CELL PRECURSORS****FIG. 22A****B CELLS****FIG. 22B**

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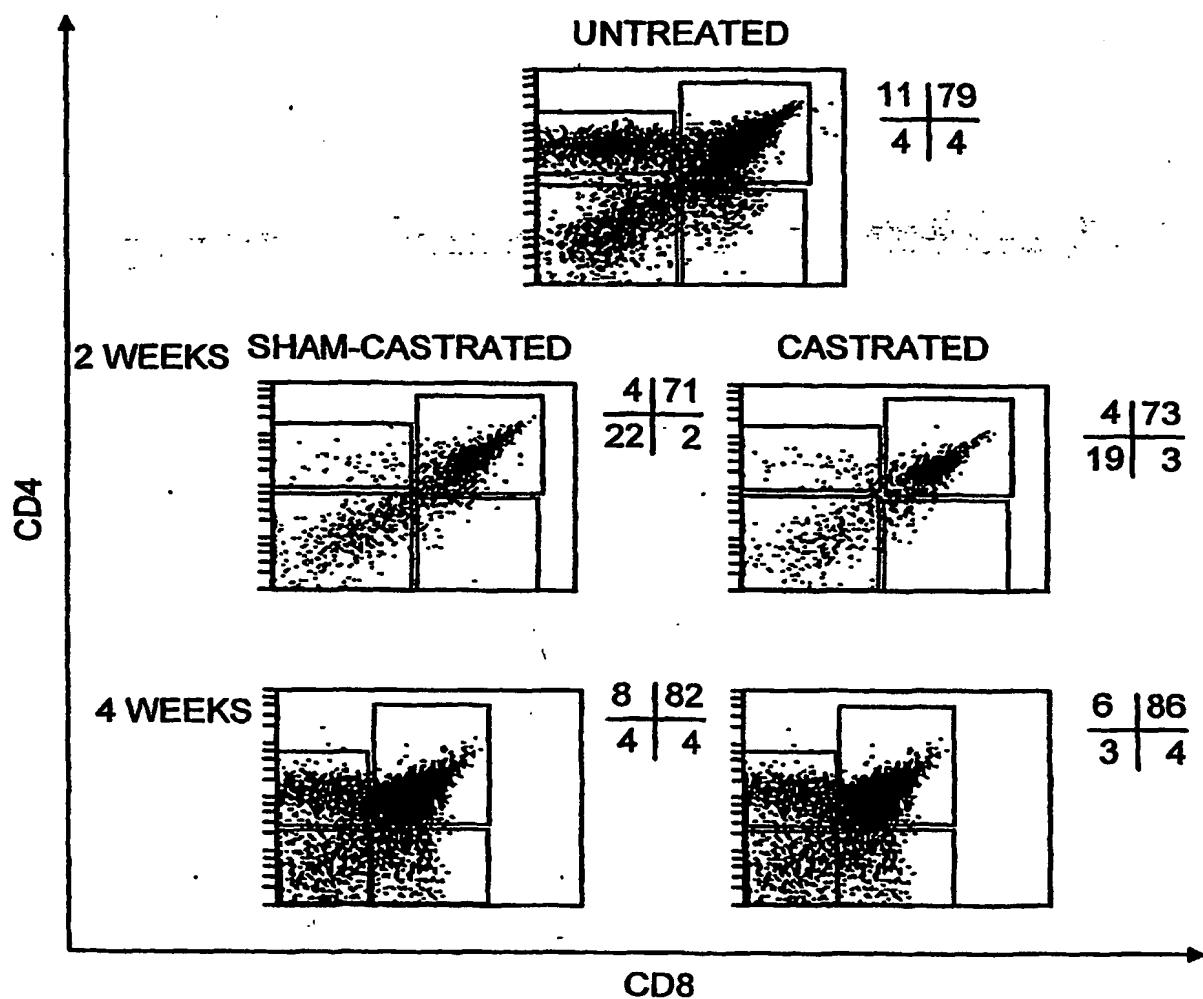


FIG. 23

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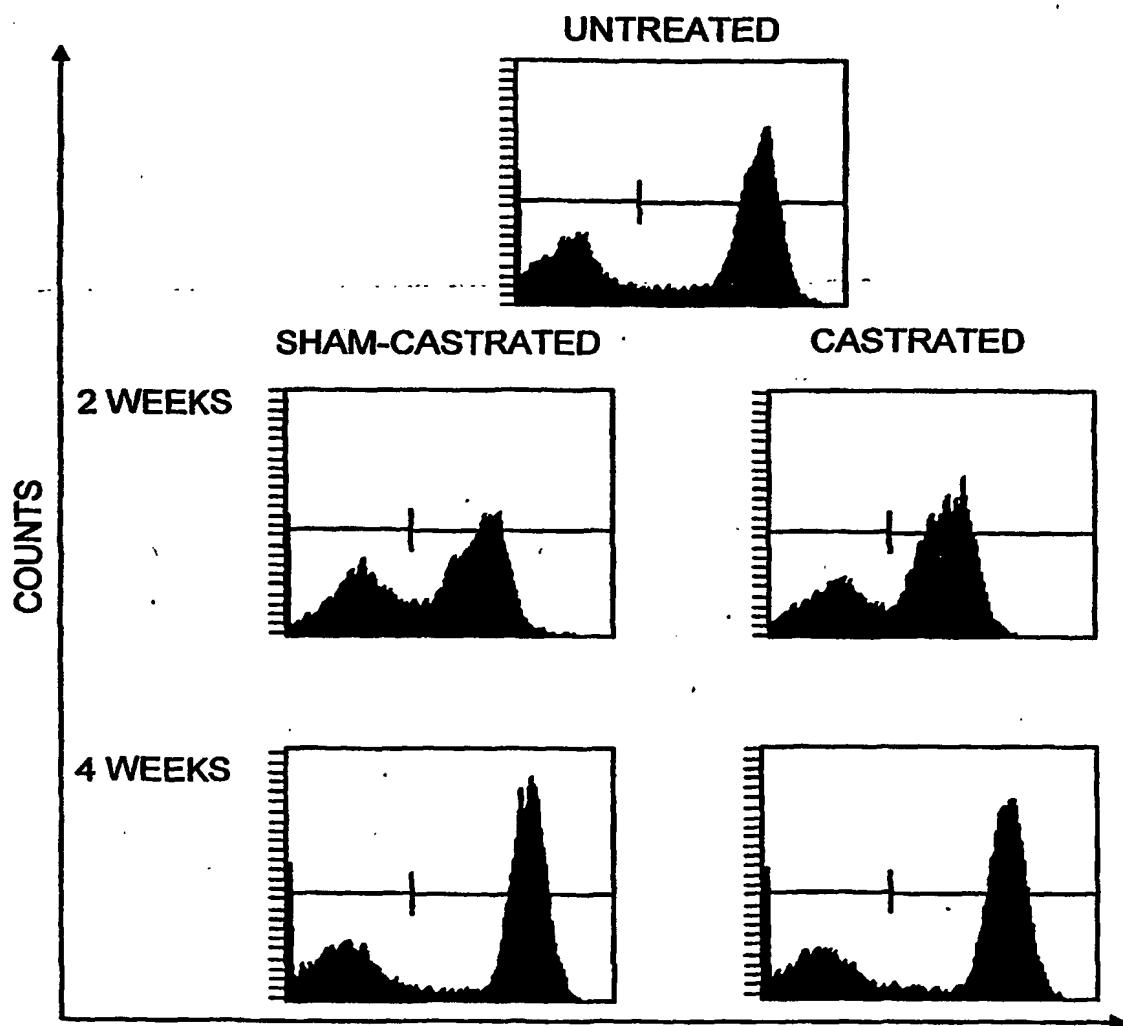


FIG. 24

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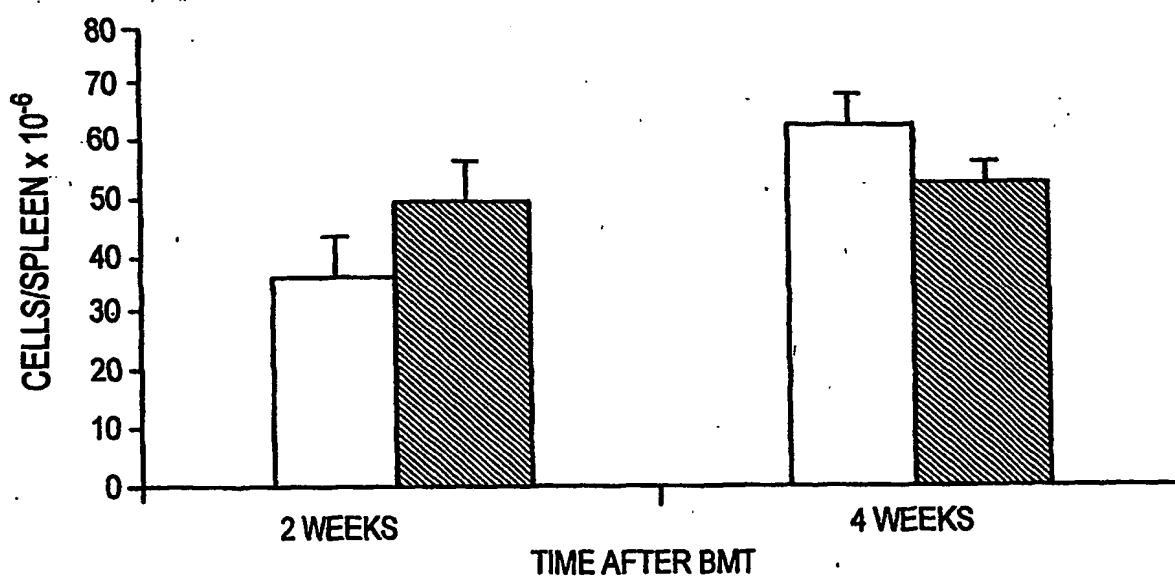
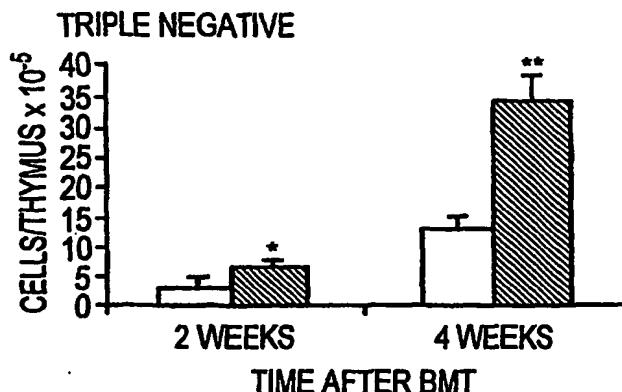
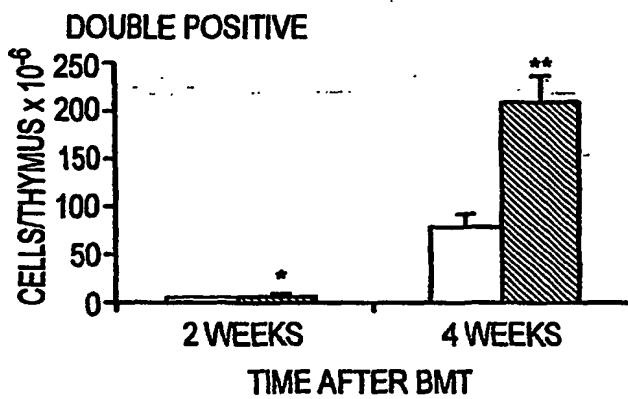
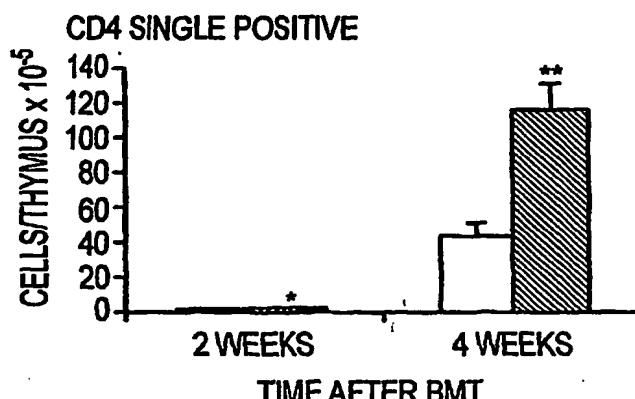
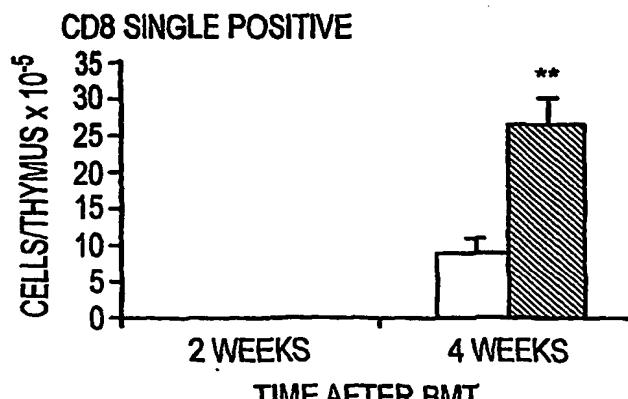


FIG. 25

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**FIG. 26A****FIG. 26B****FIG. 26C****FIG. 26D**

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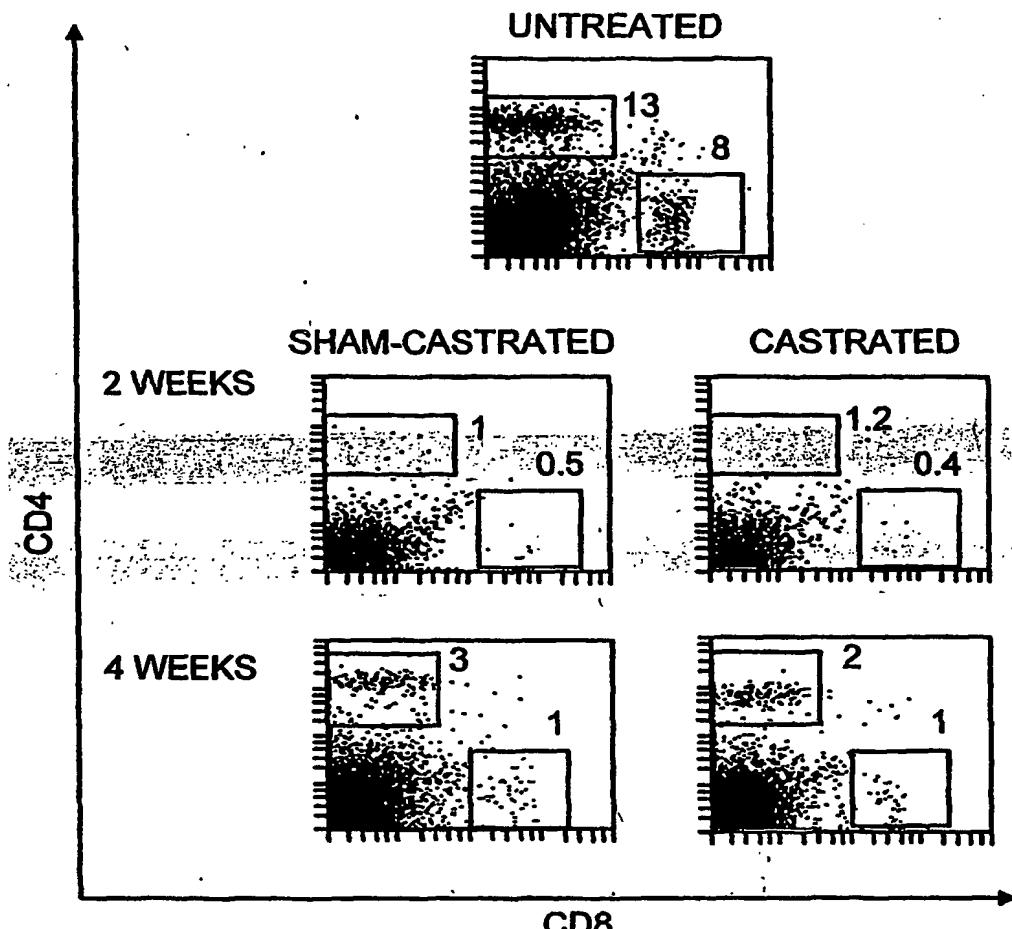


FIG. 27A

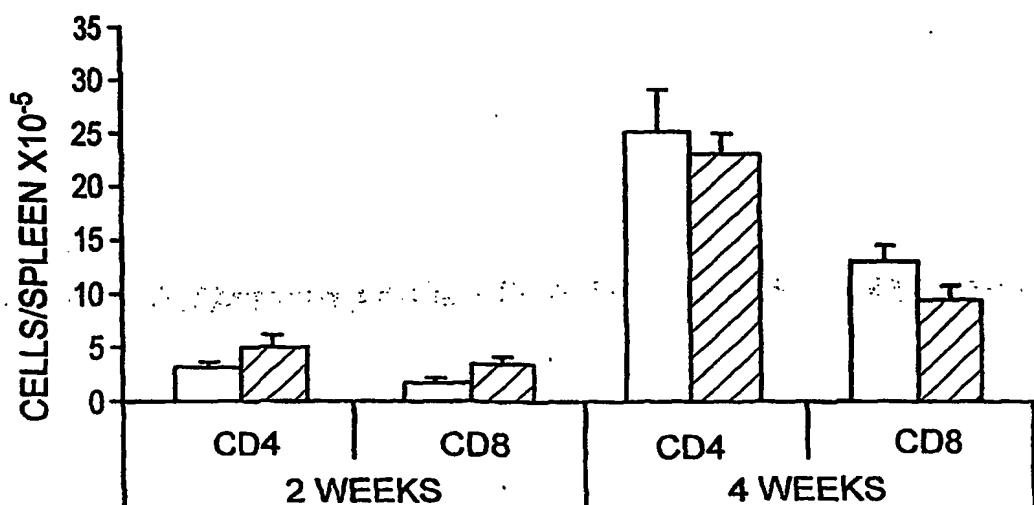
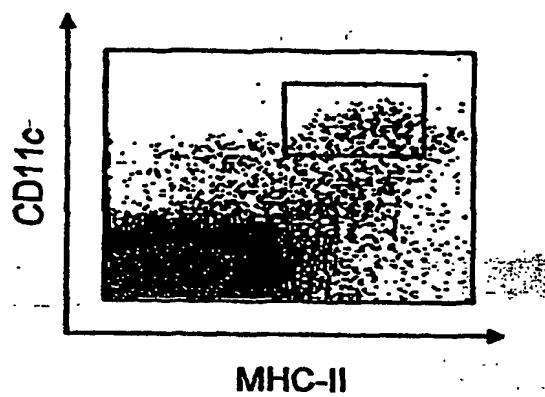
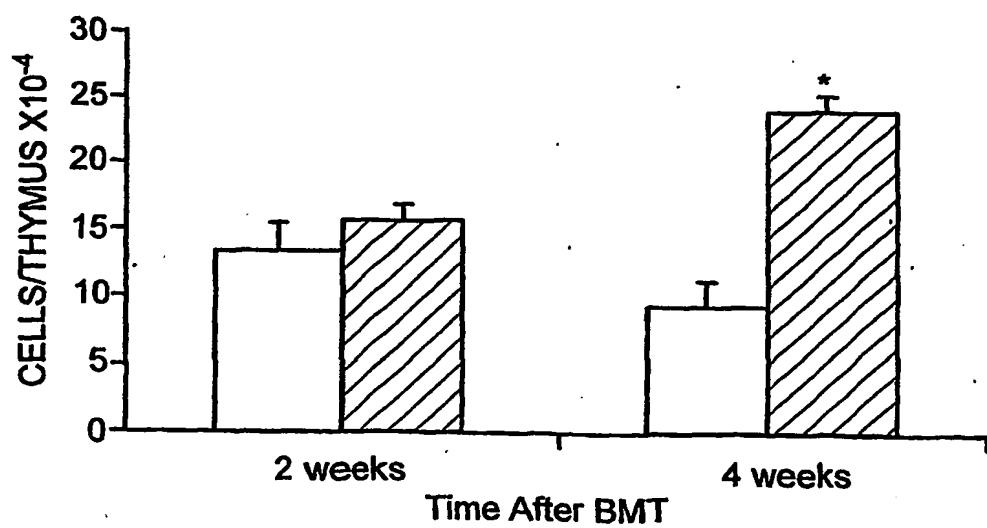


FIG. 27B

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**FIG. 28A****FIG. 28B**

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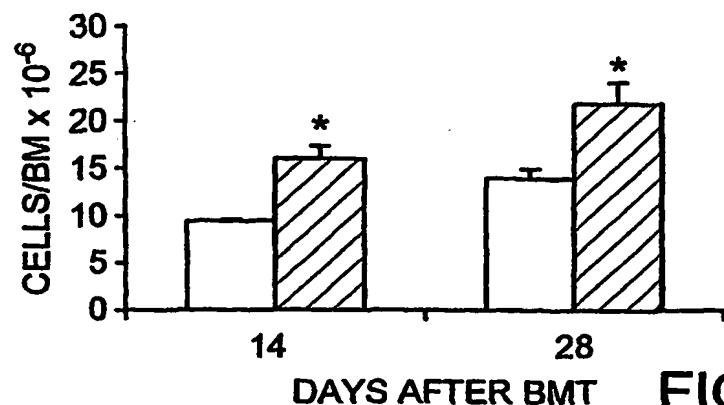


FIG. 29A

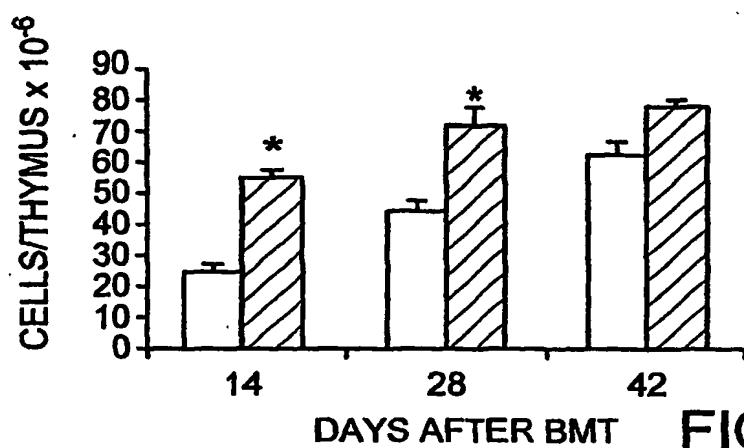


FIG. 29B

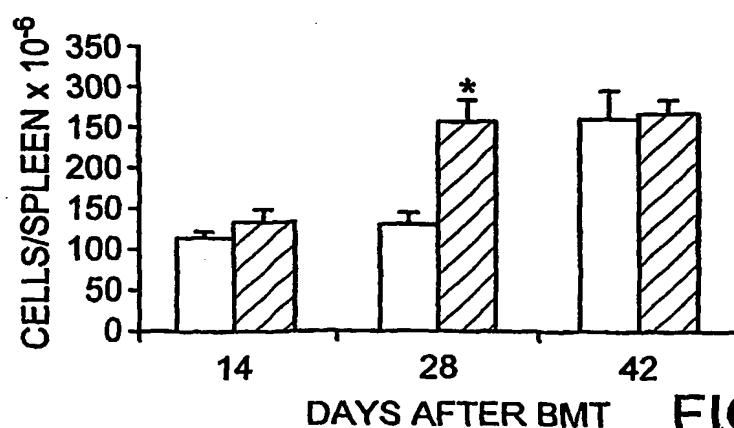
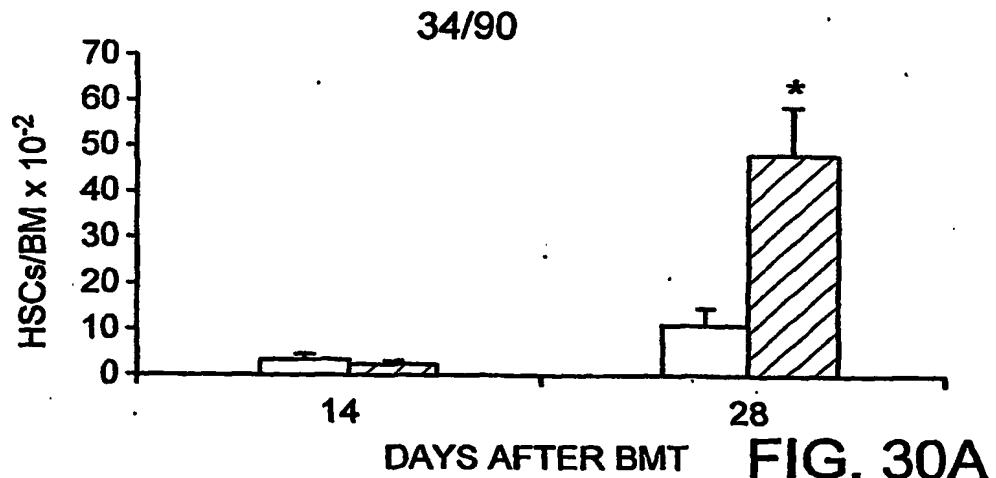
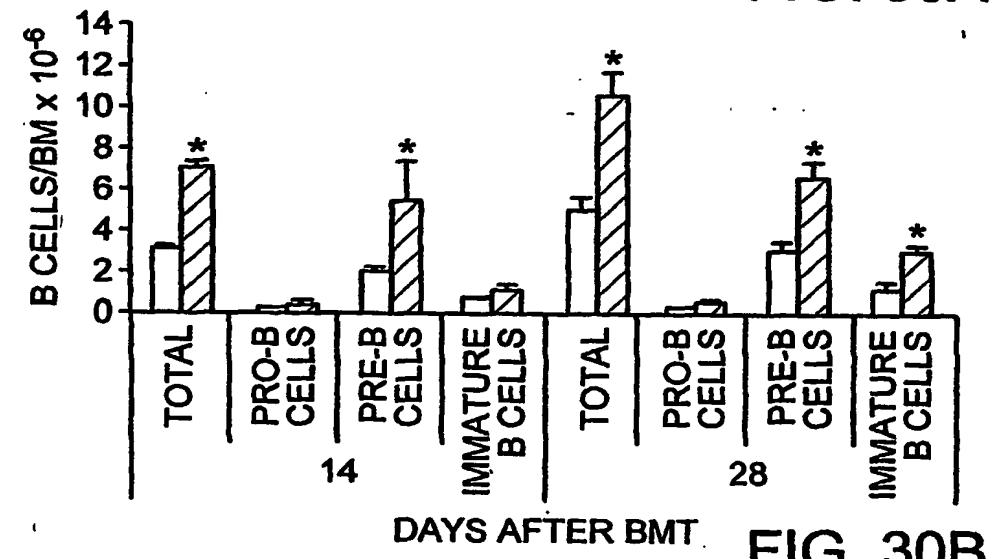
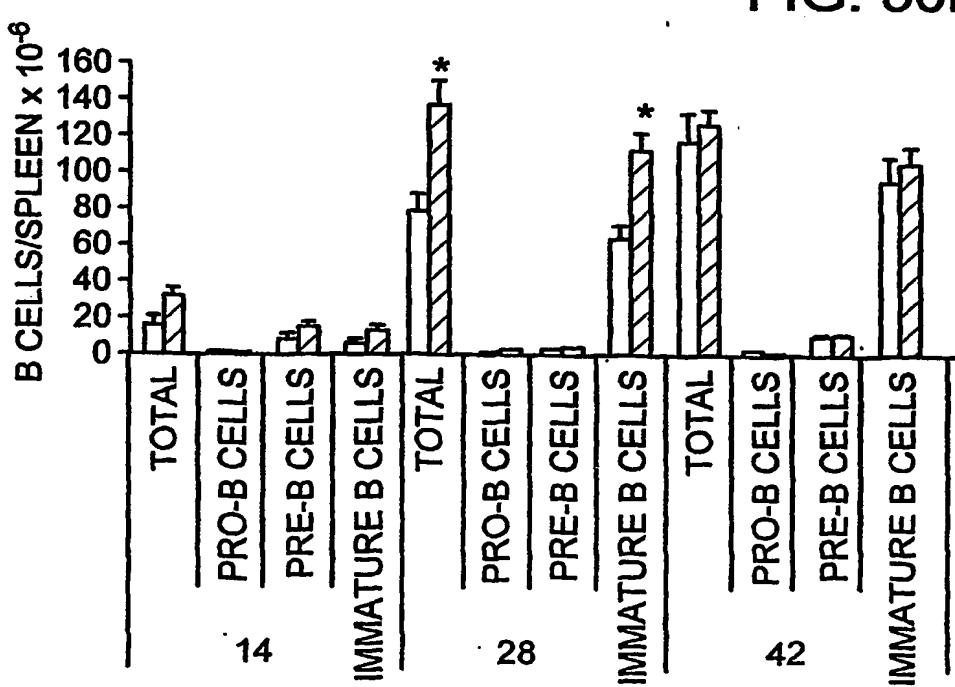
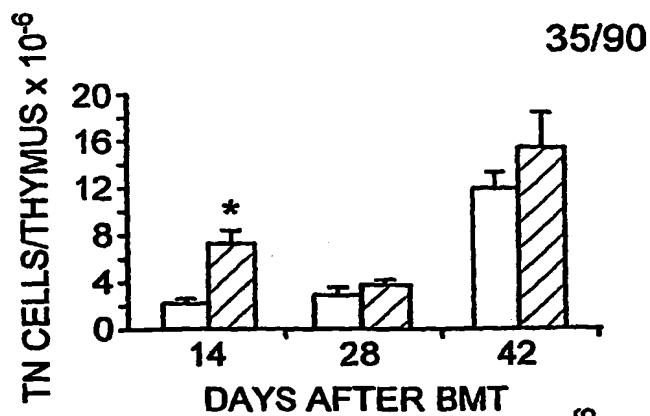
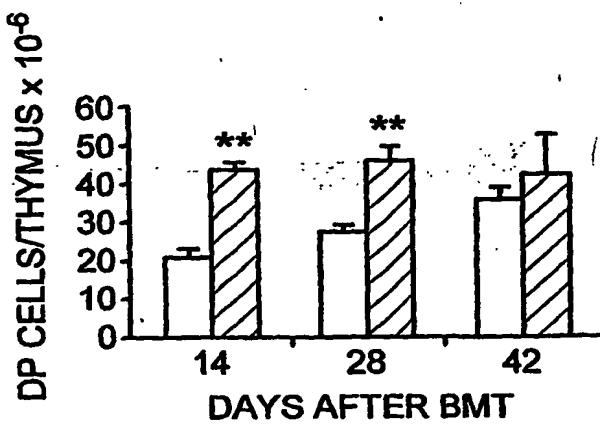
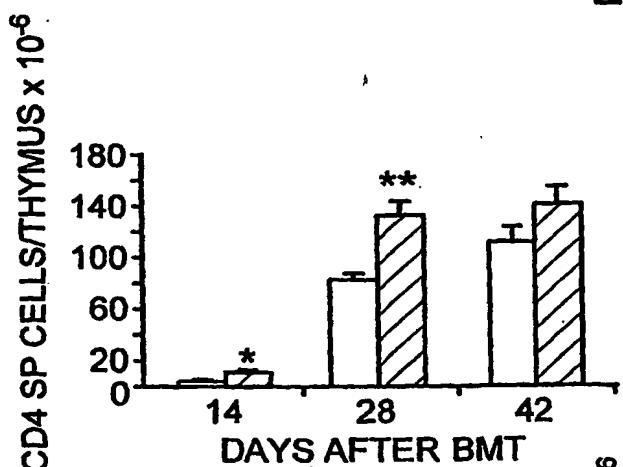
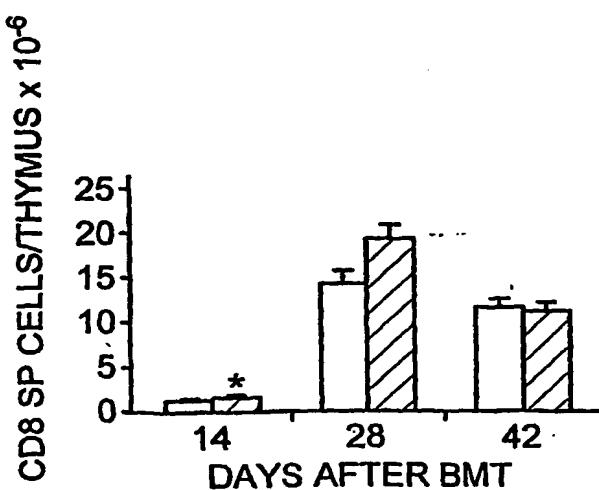


FIG. 29C

**FIG. 30A****FIG. 30B**

**FIG. 31A****FIG. 31B****FIG. 31C****FIG. 31D**

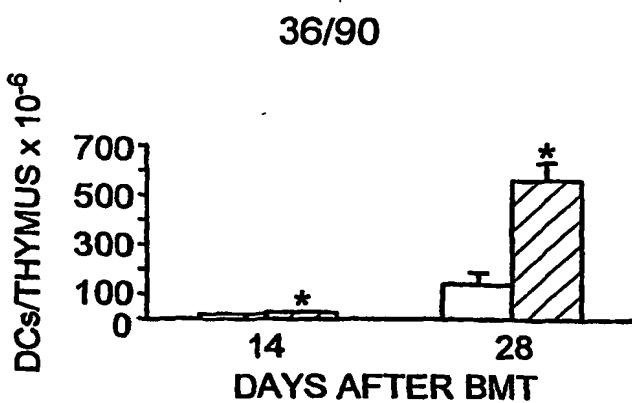


FIG. 31E

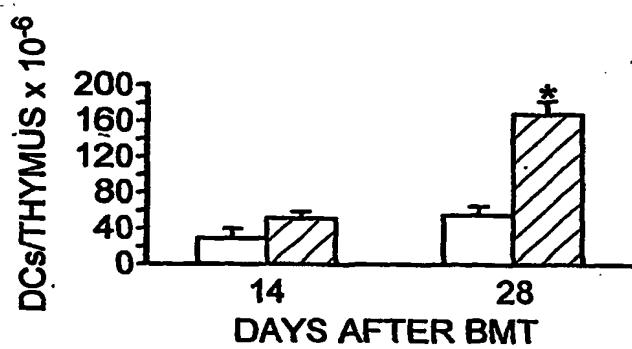


FIG. 31F

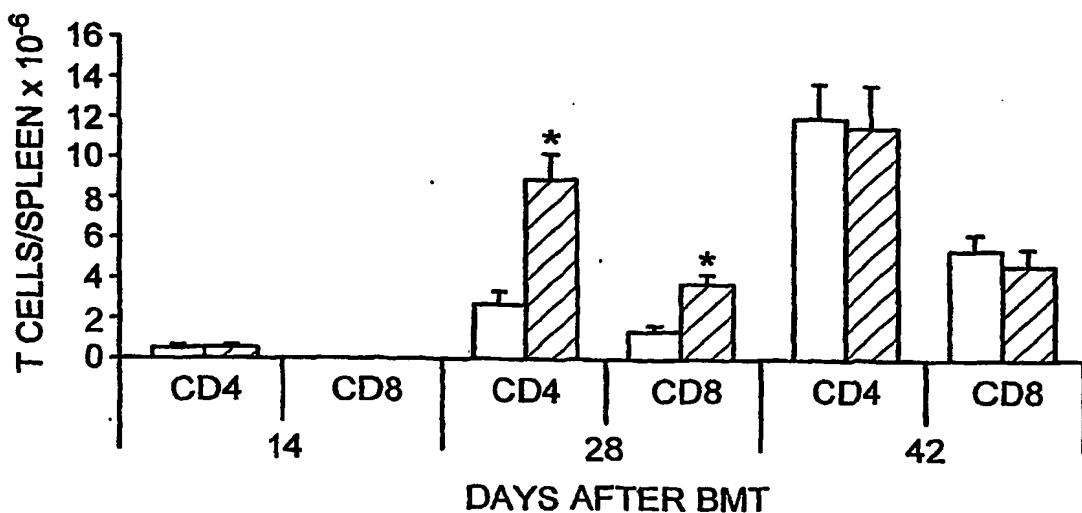


FIG. 31G

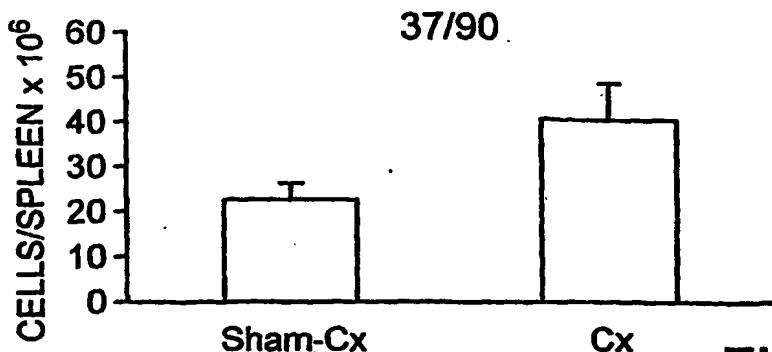


FIG. 32A

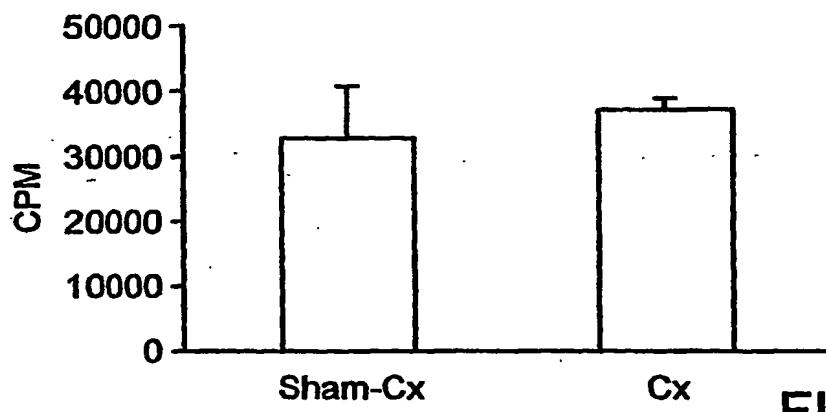


FIG. 32B

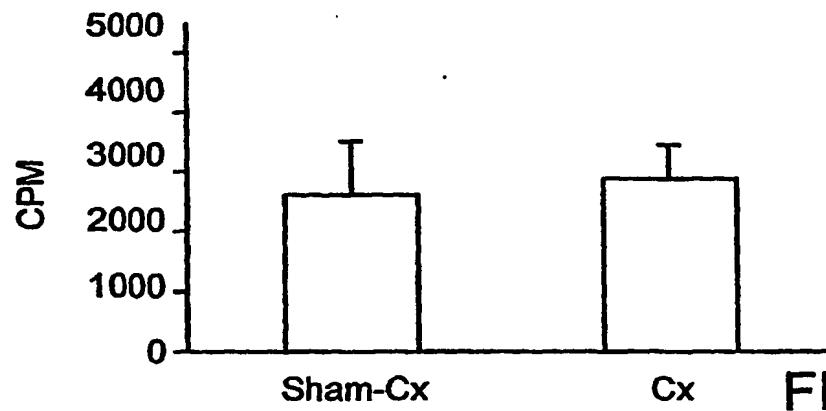


FIG. 32C

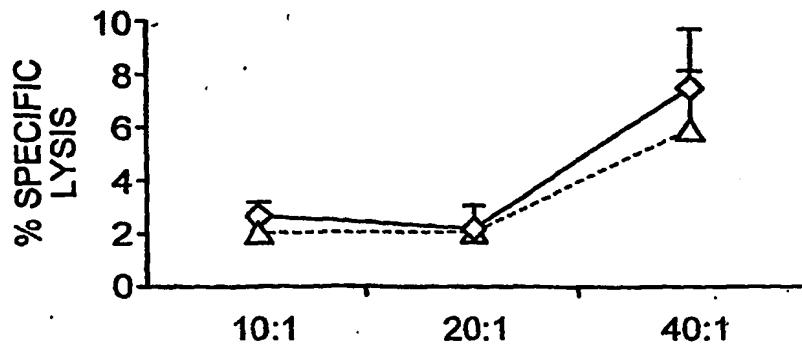


FIG. 32D

SUBSTITUTE SHEET (RULE 26)

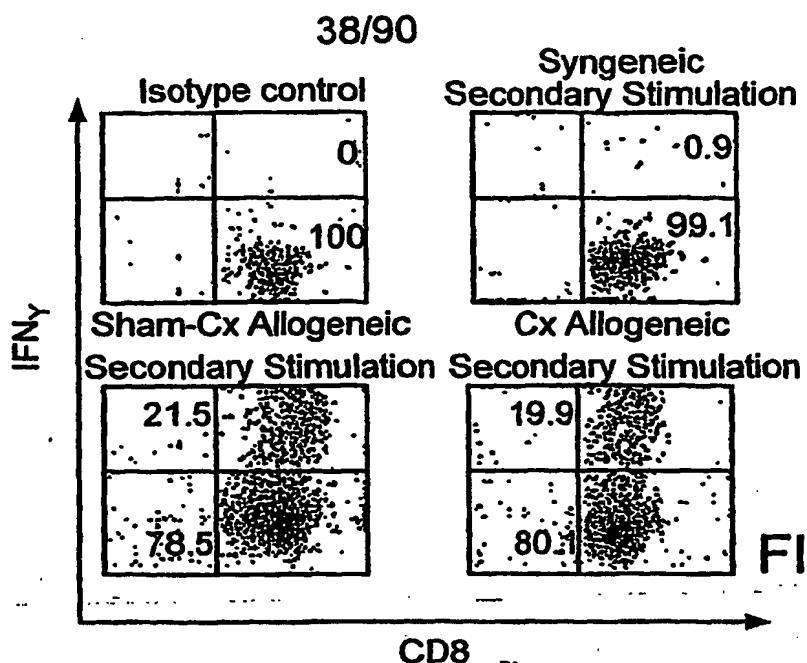


FIG. 32E

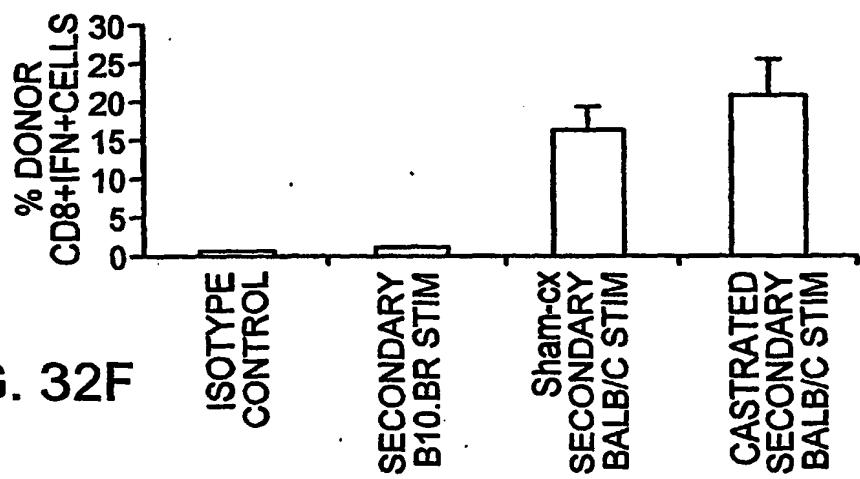


FIG. 32F

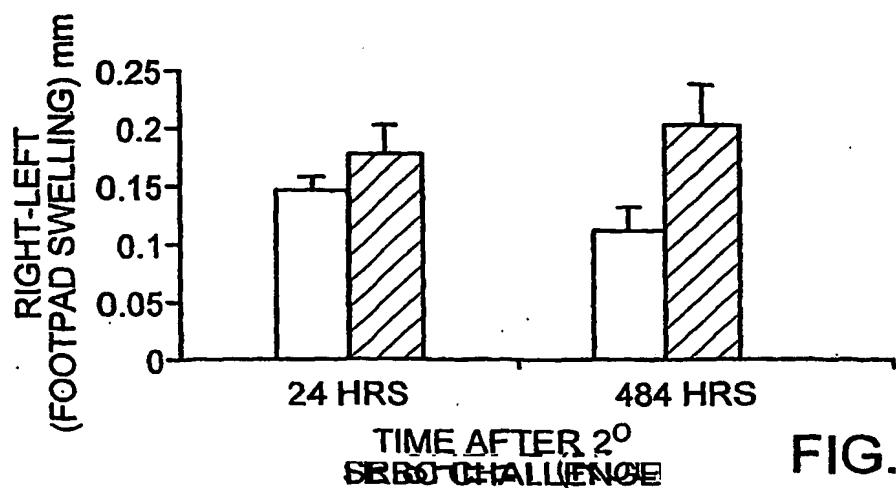


FIG. 32G

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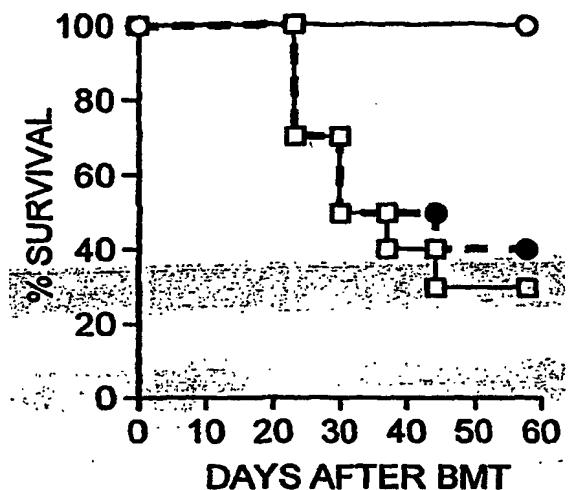


FIG. 33A

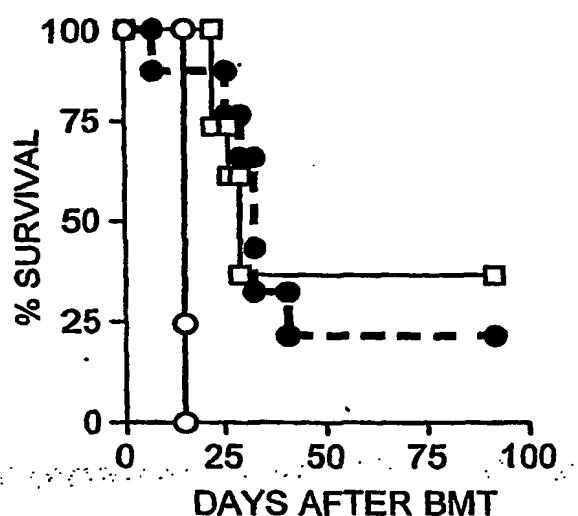


FIG. 33B

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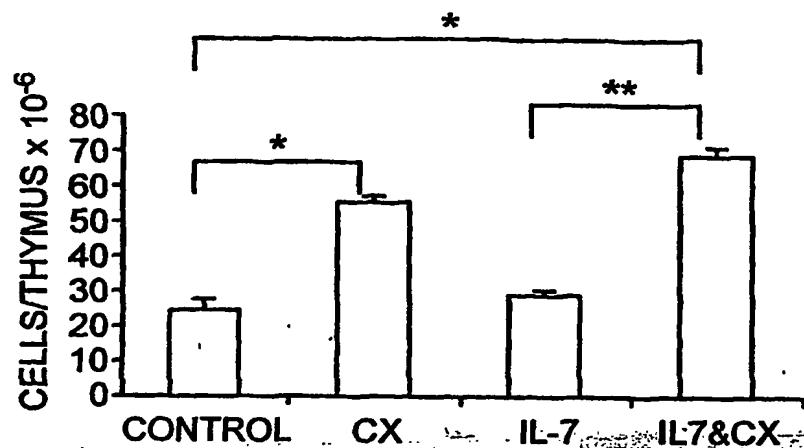


FIG. 34A

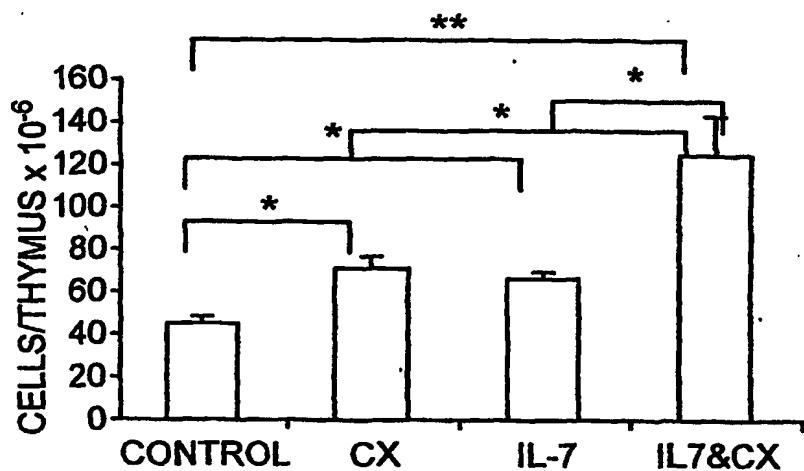


FIG. 34B

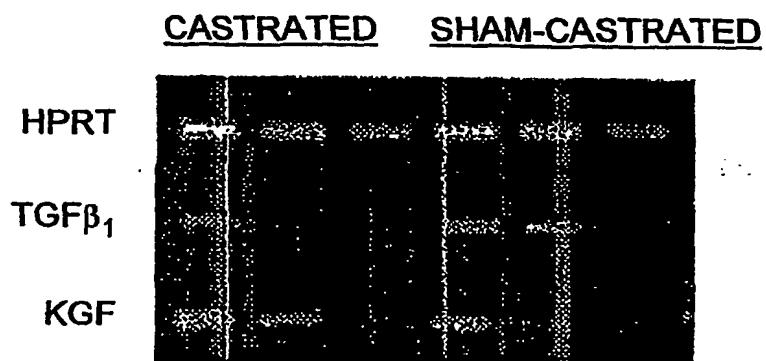


FIG. 34C

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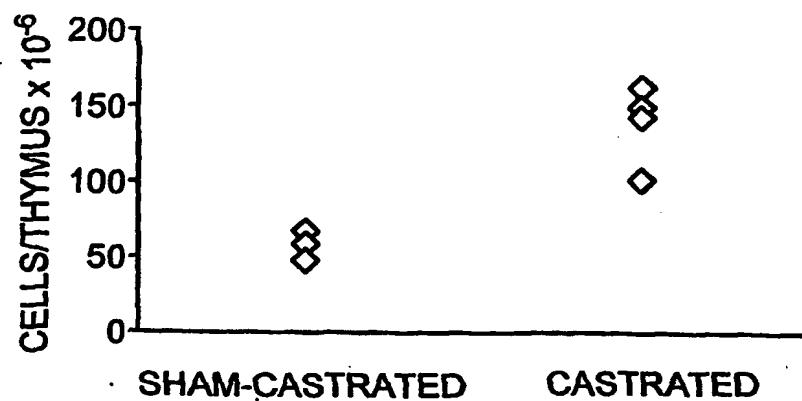


FIG. 34D

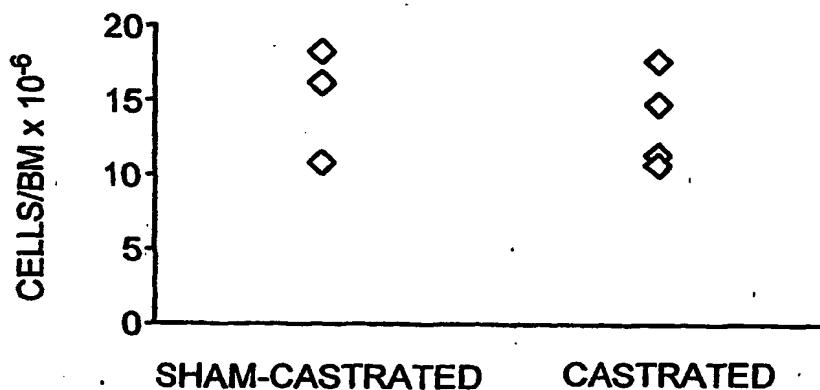


FIG. 34E

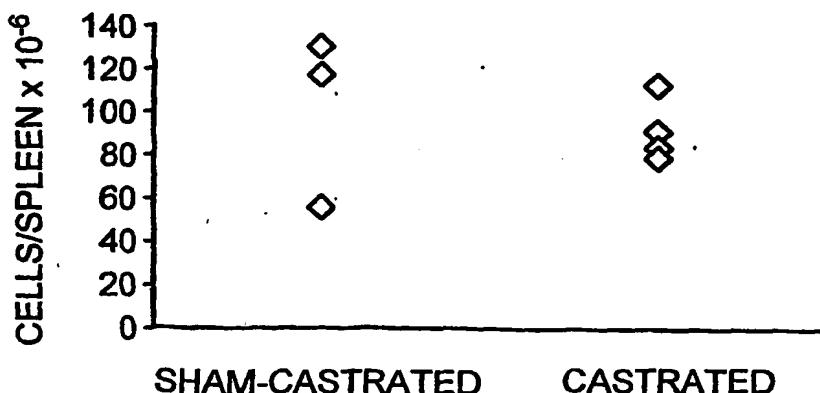
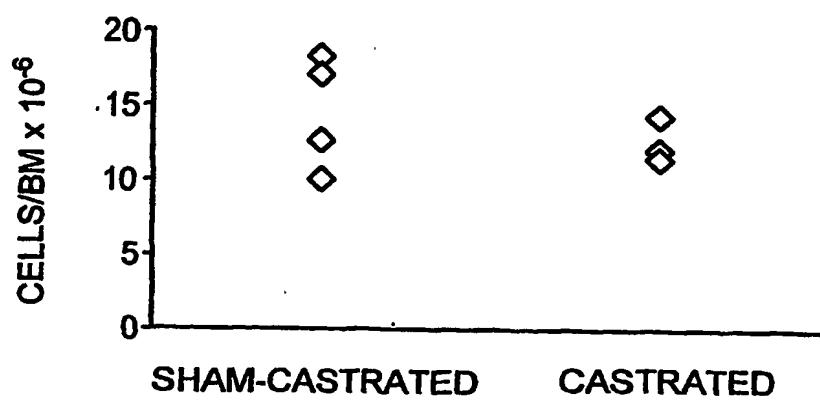


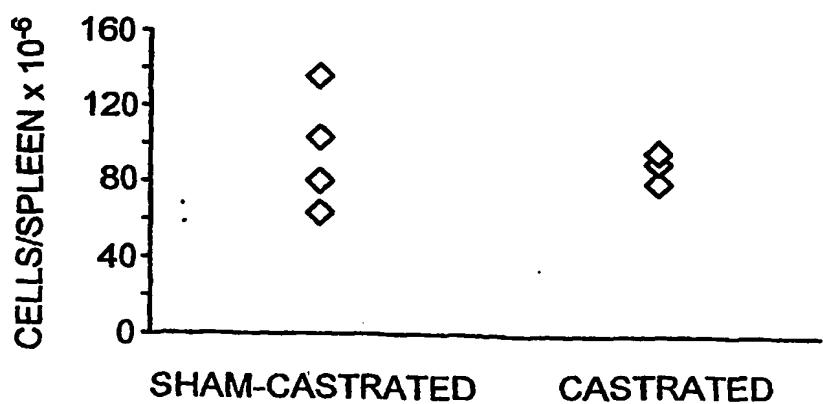
FIG. 34F



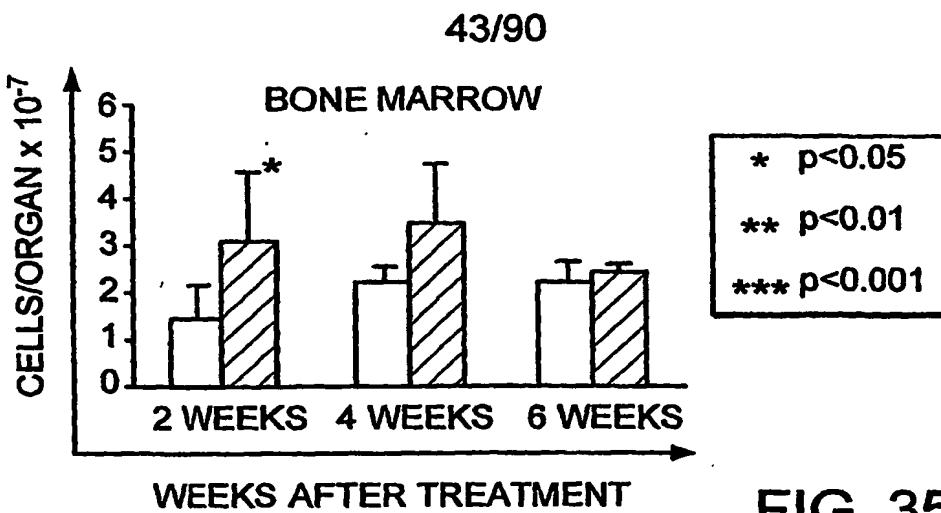
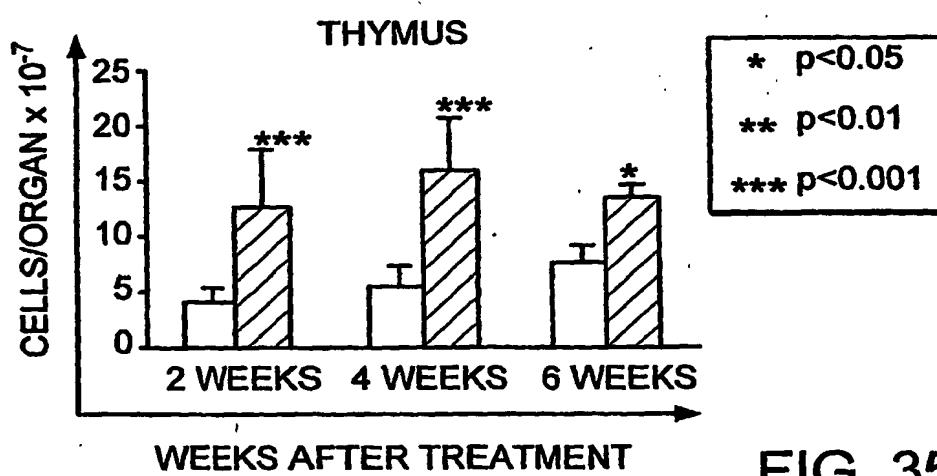
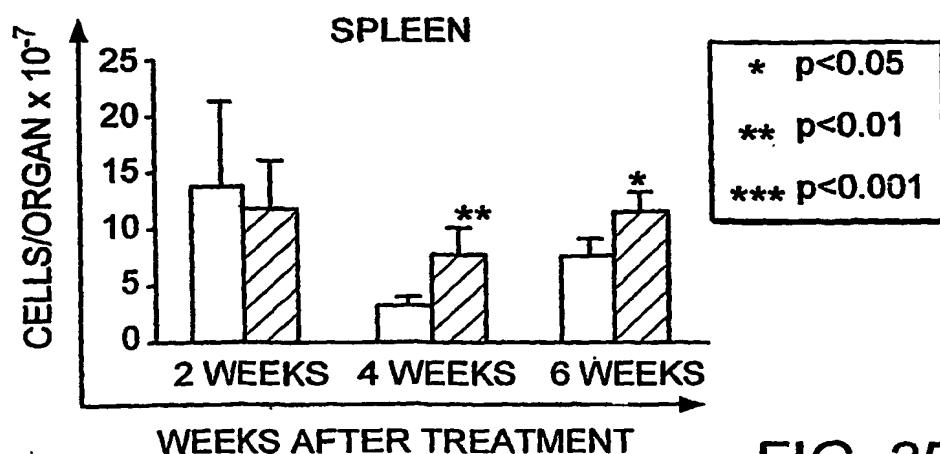
**FIG. 34G**



**FIG. 34H**



**FIG. 34I**

**FIG. 35A****FIG. 35B****FIG. 35C**

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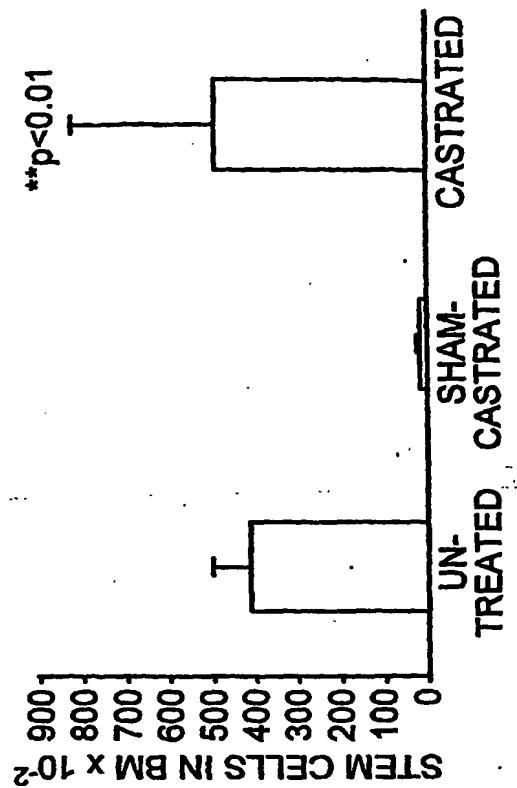


FIG. 36B

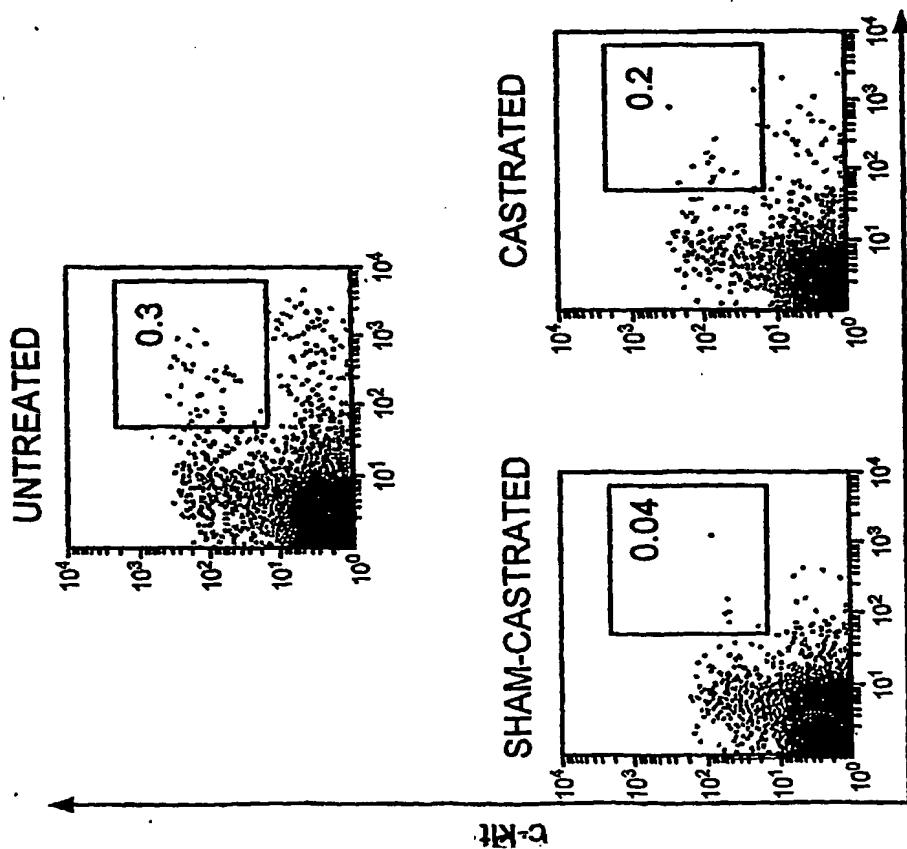


FIG. 36A

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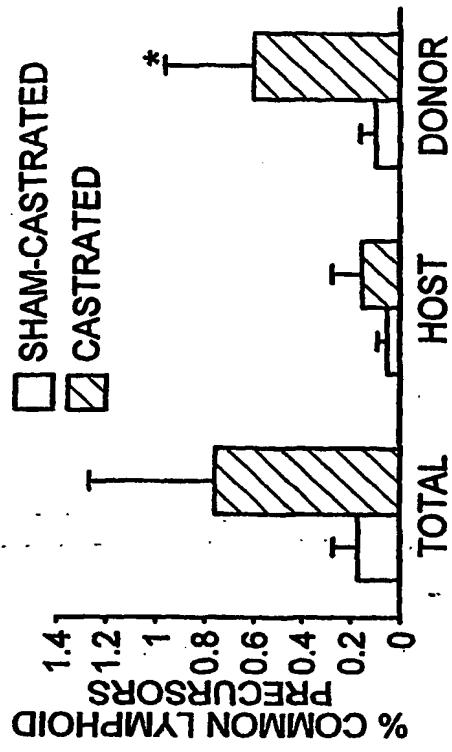


FIG. 37C

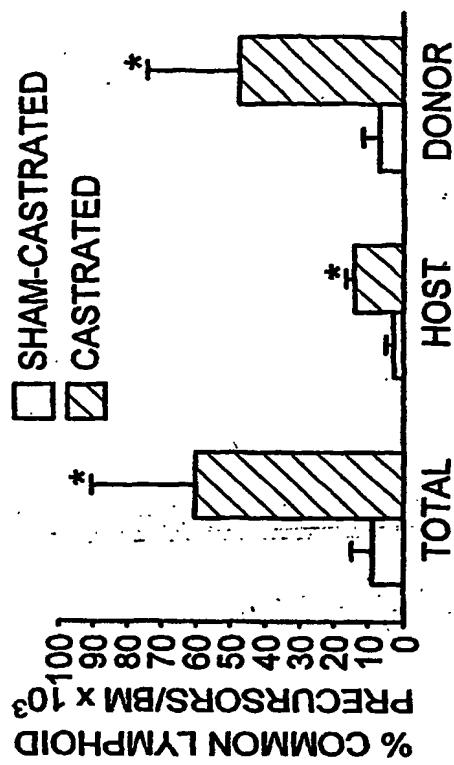


FIG. 37D

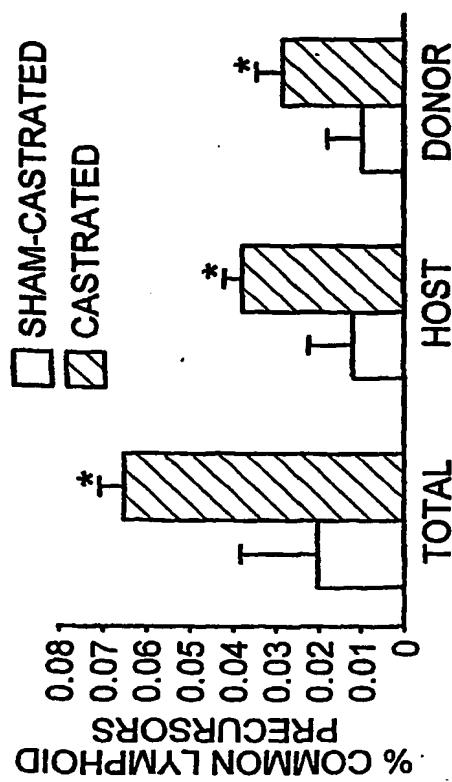


FIG. 37A

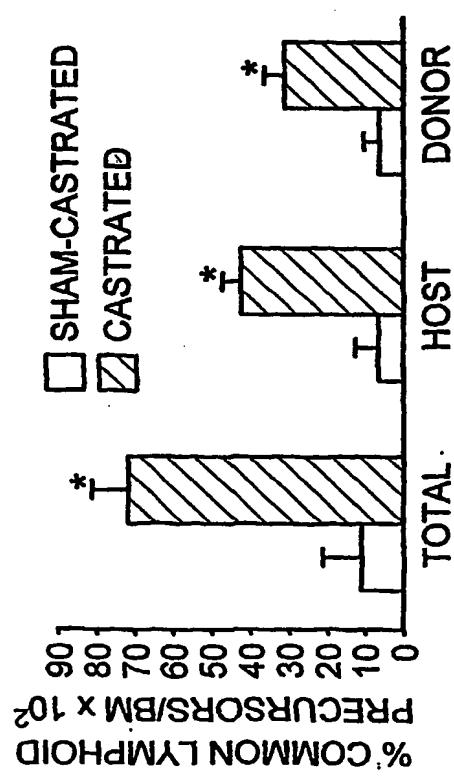


FIG. 37B

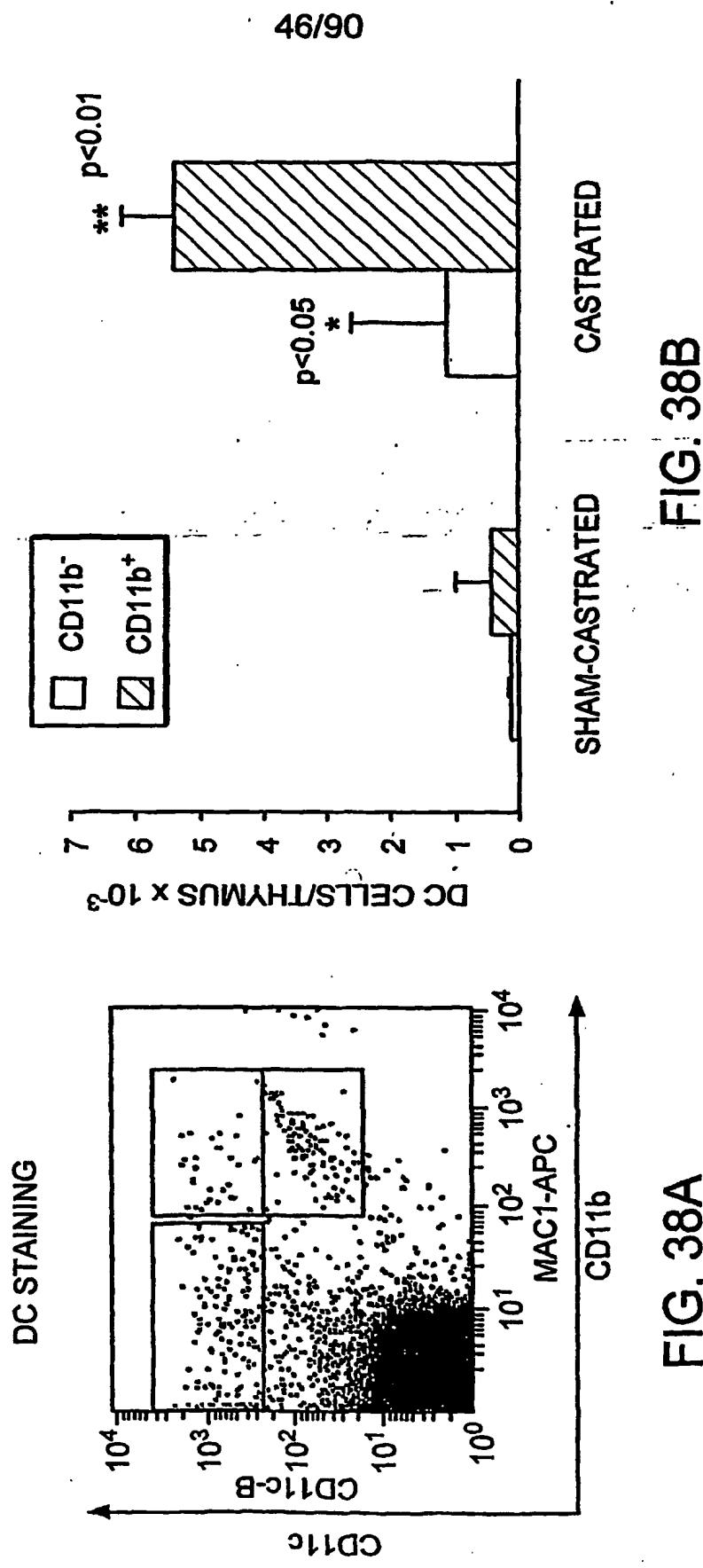
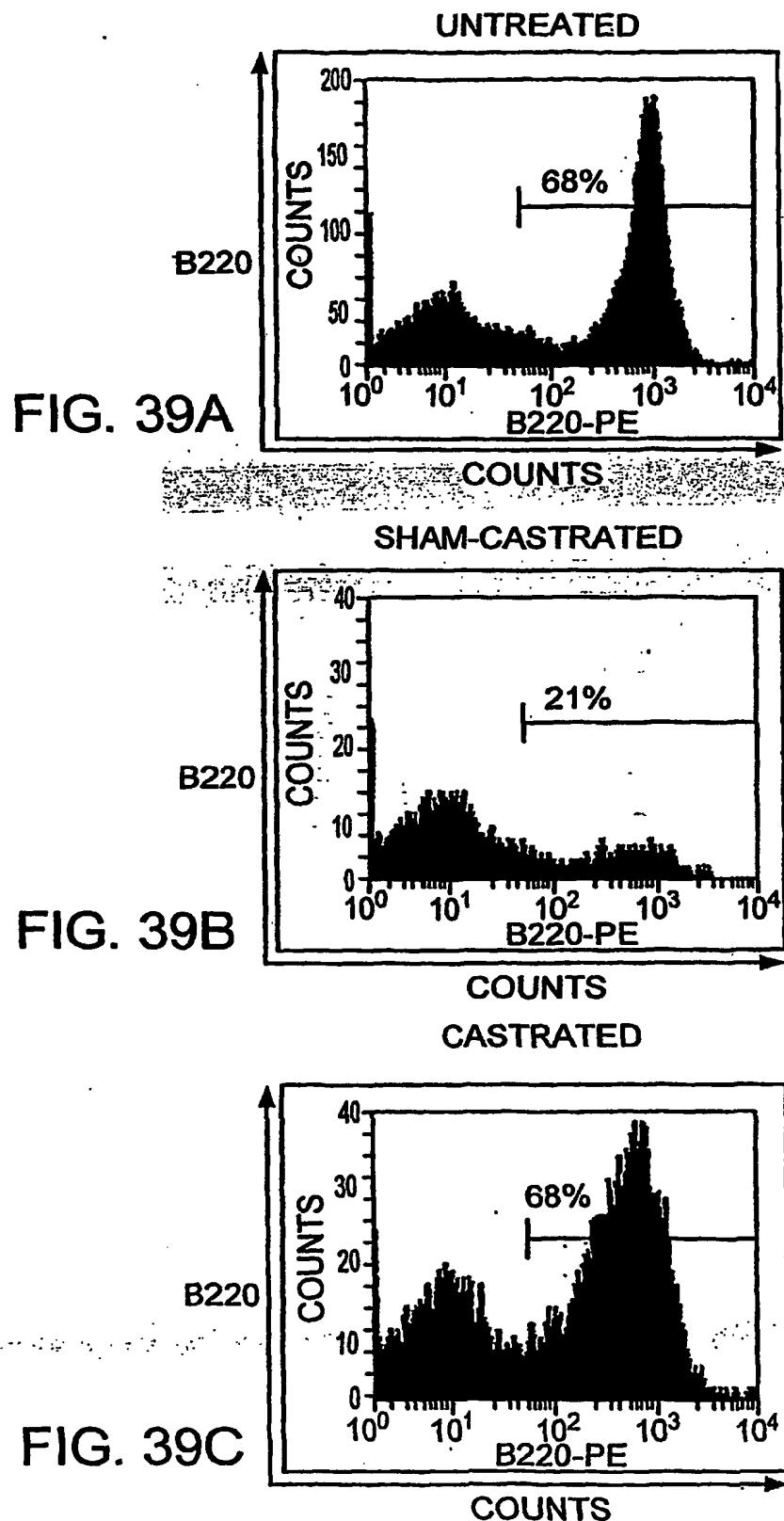


FIG. 38A

FIG. 38B

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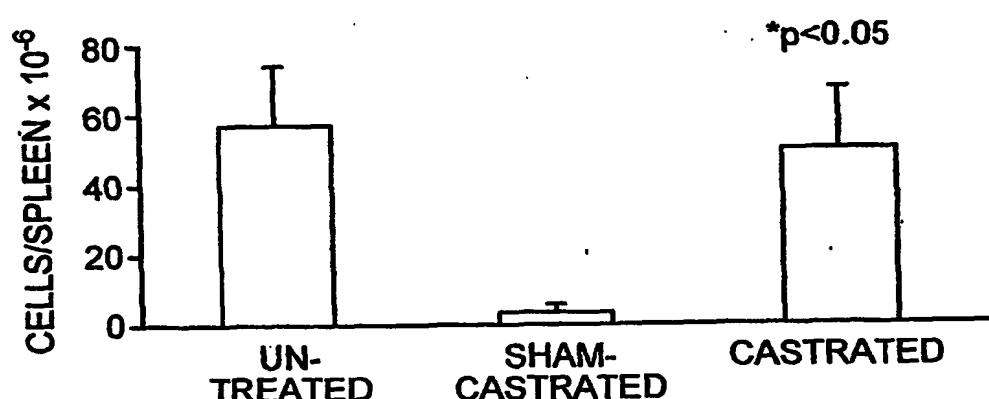


FIG. 39D

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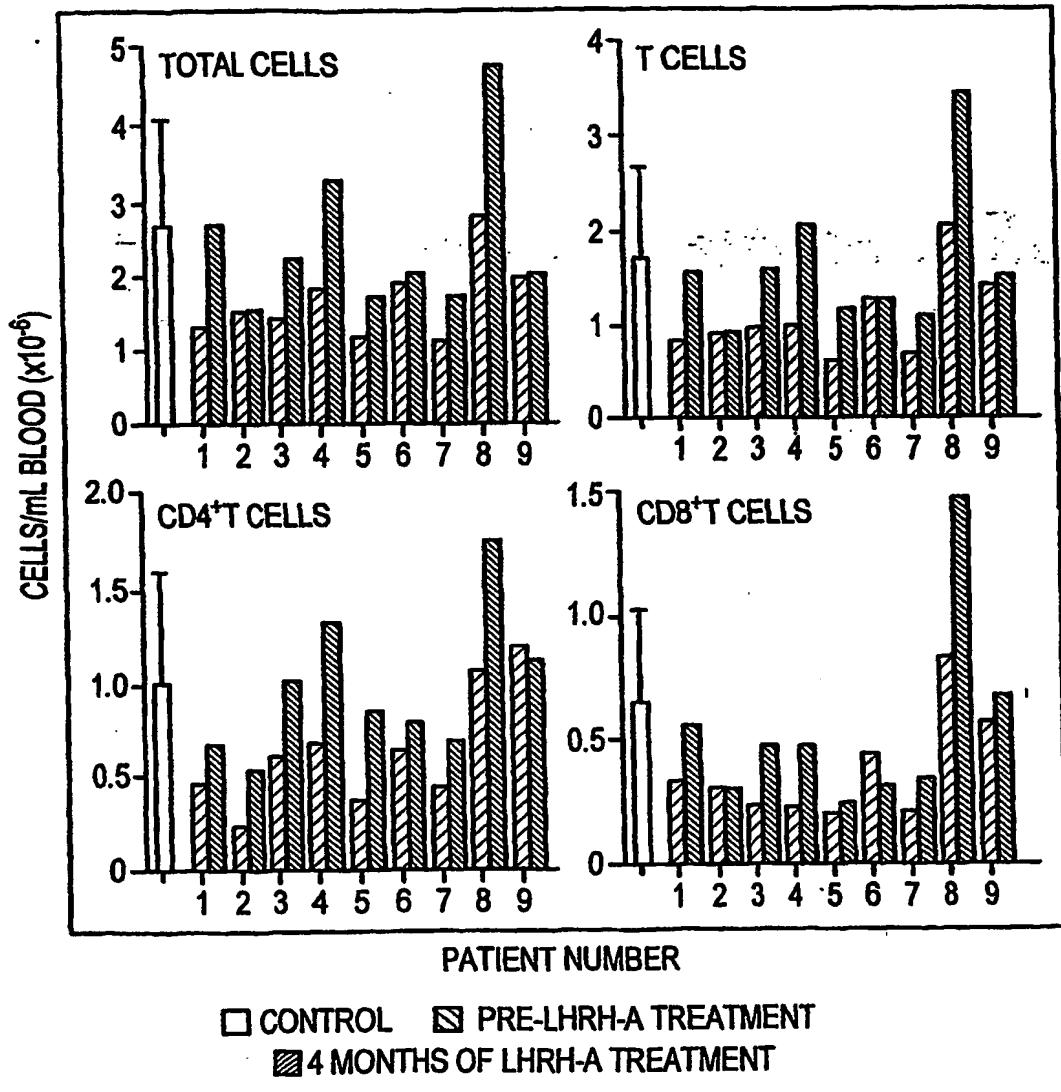


FIG. 40

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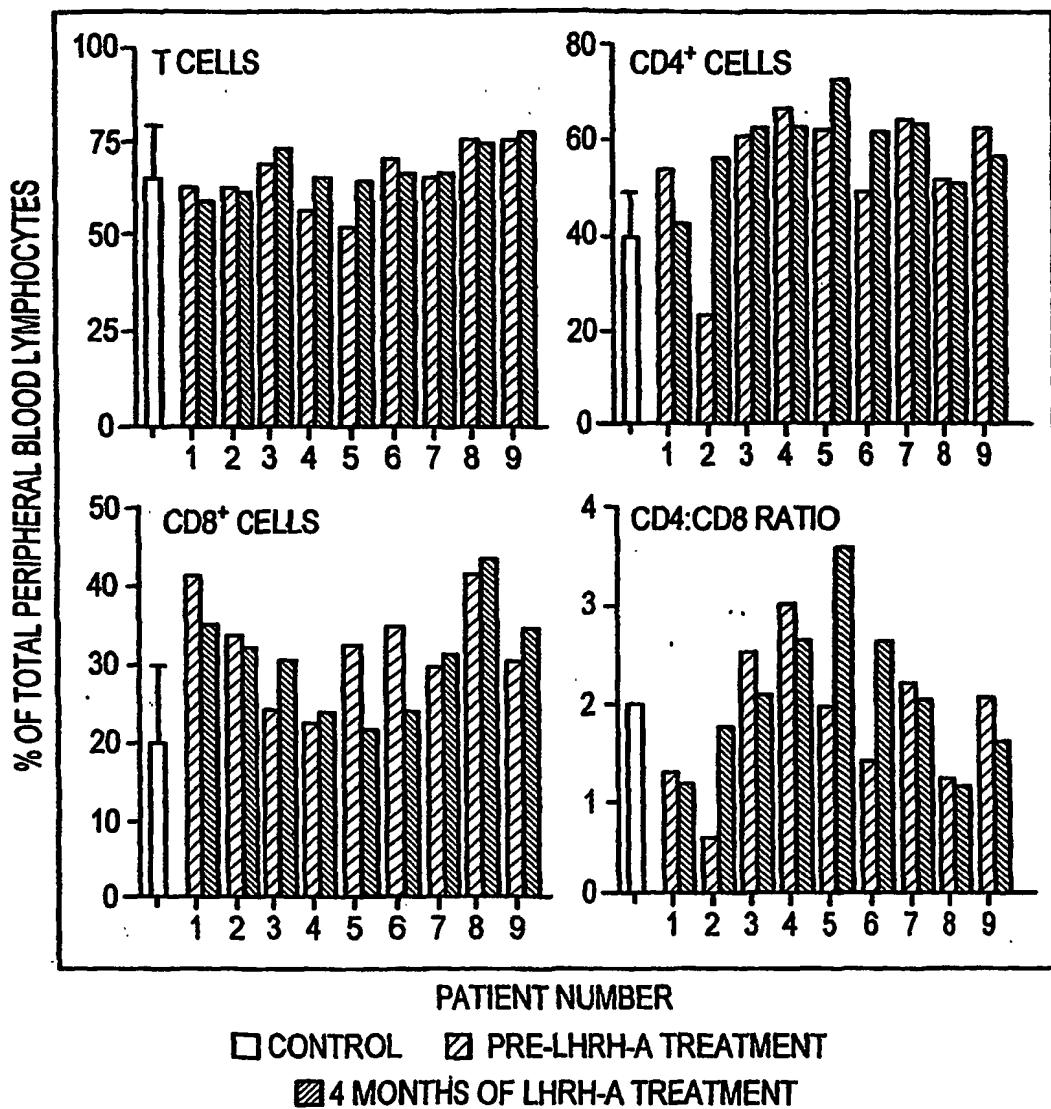


FIG. 41

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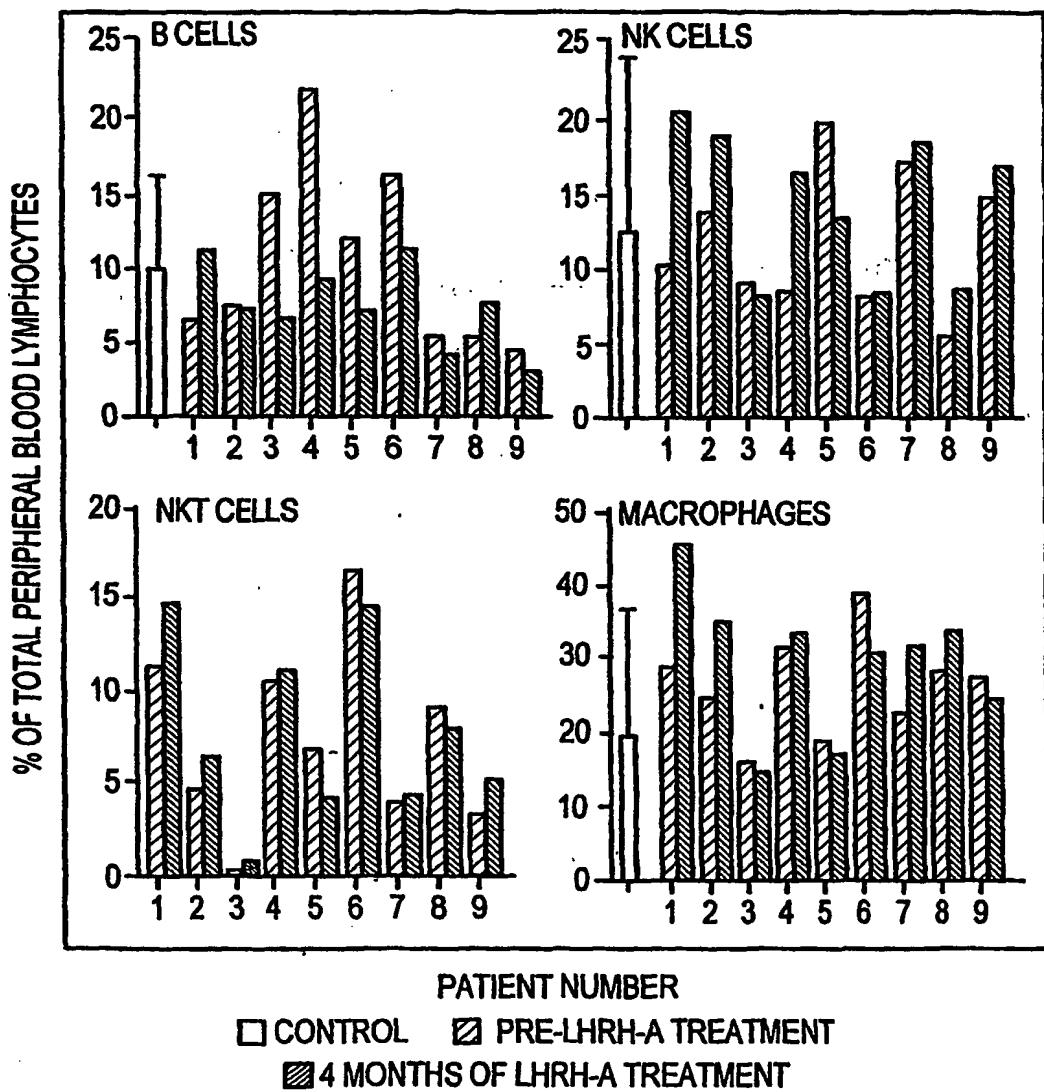


FIG. 42

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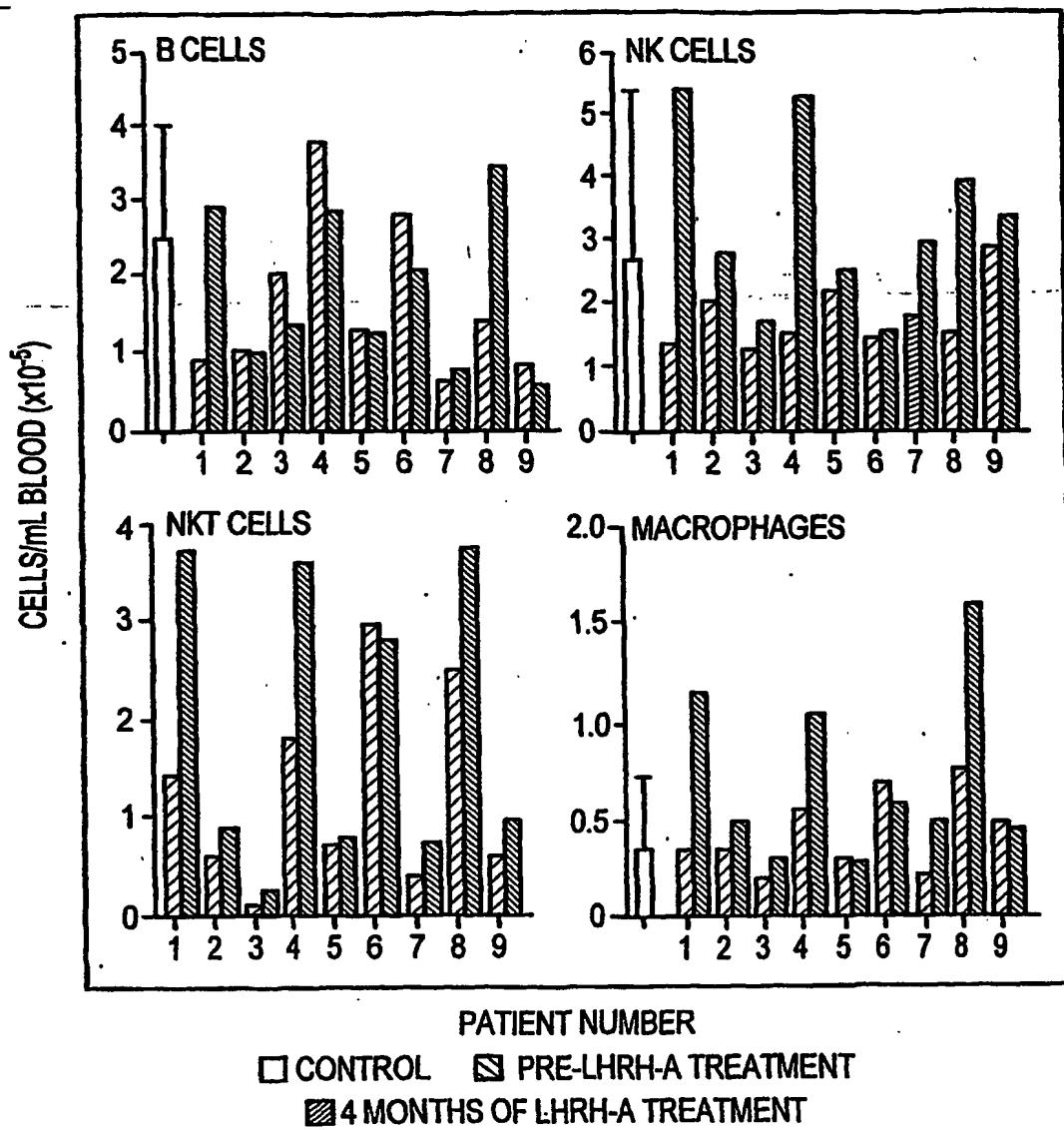


FIG. 43

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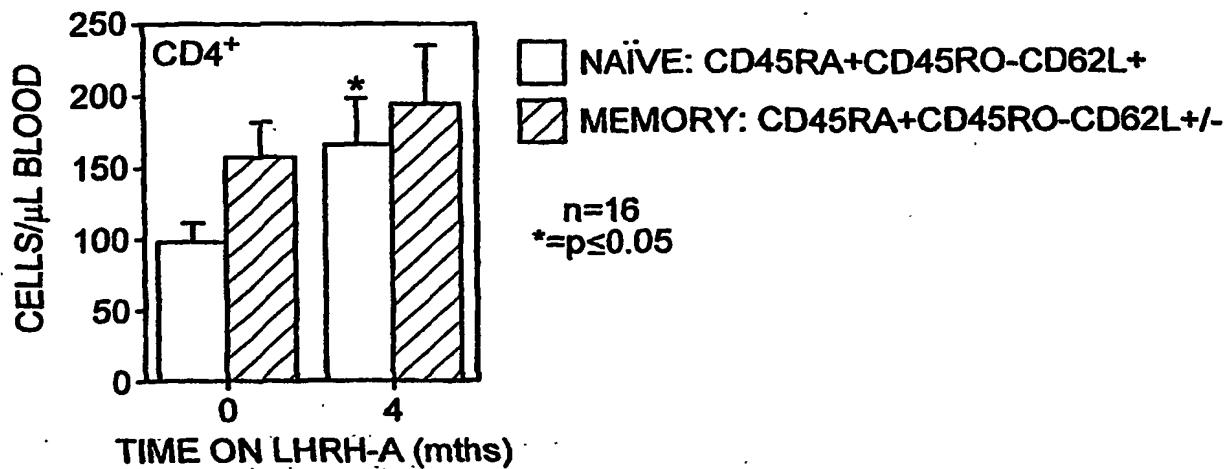


FIG. 44A

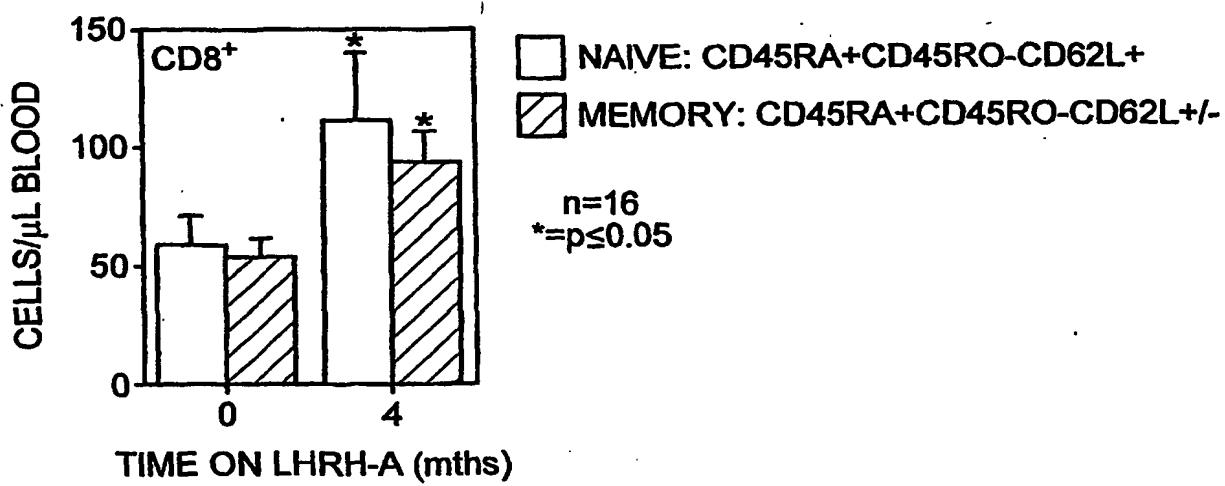


FIG. 44B

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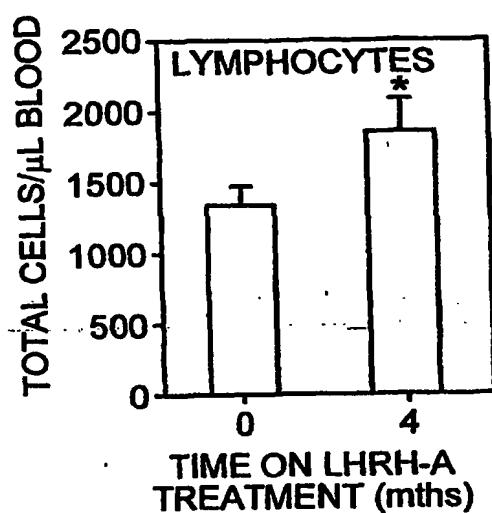


FIG. 45A

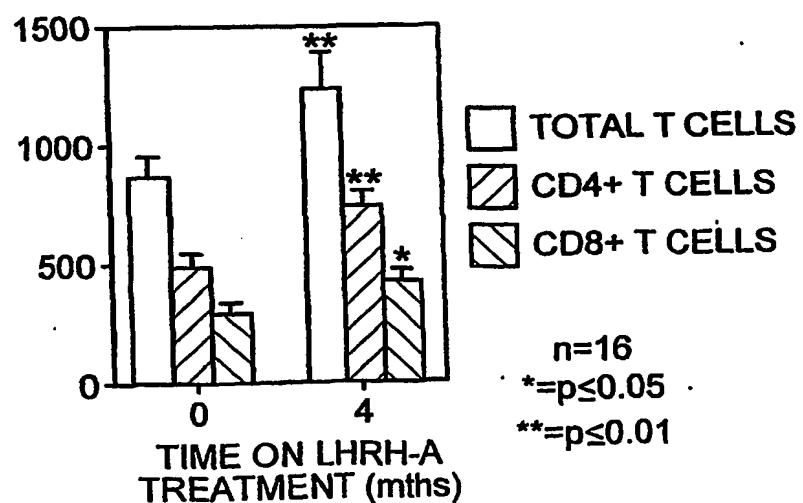


FIG. 45B

55/90

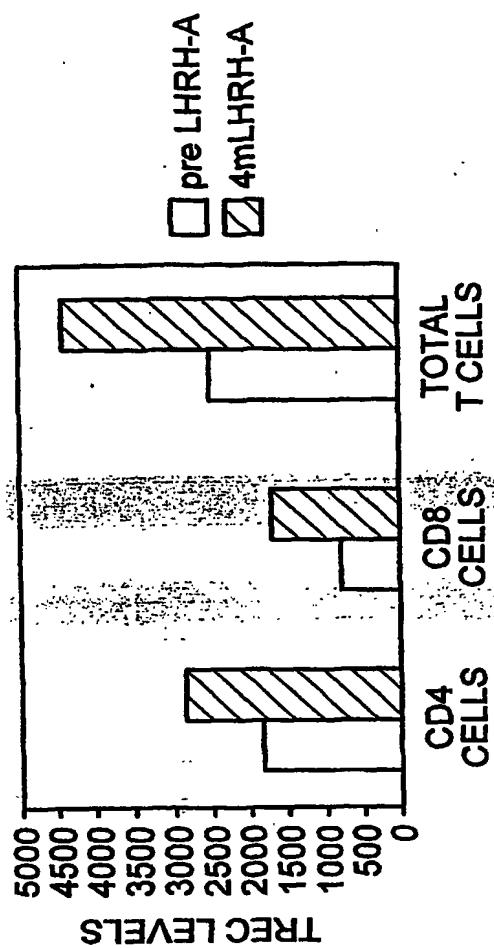


FIG. 46B

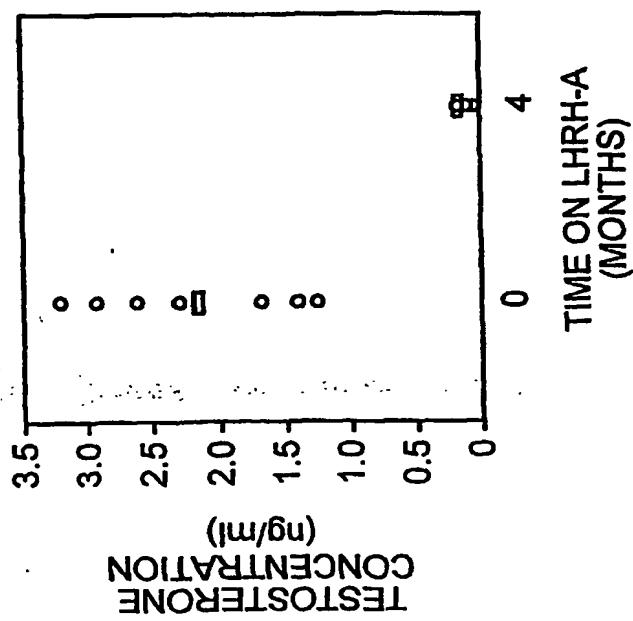


FIG. 46A.

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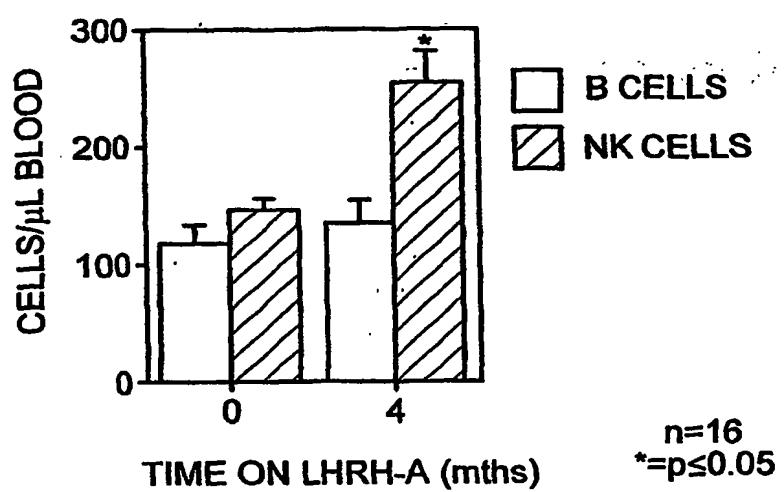


FIG. 47

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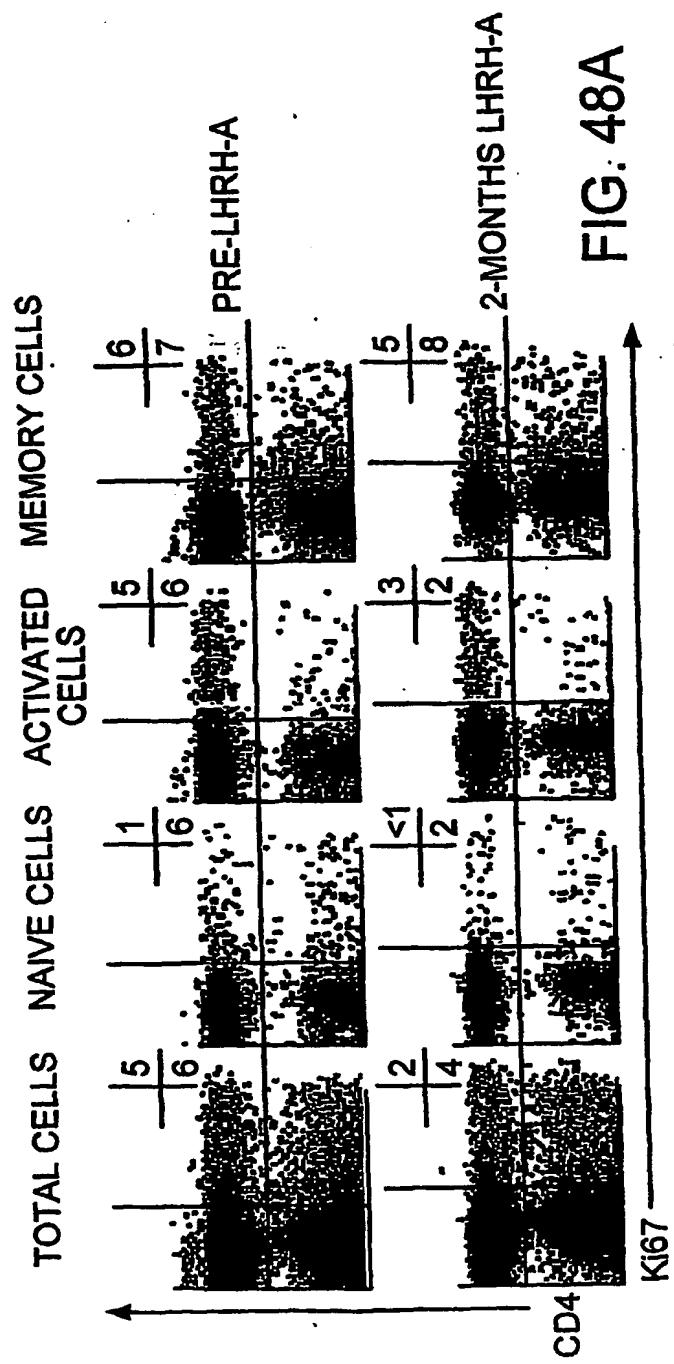


FIG. 48A

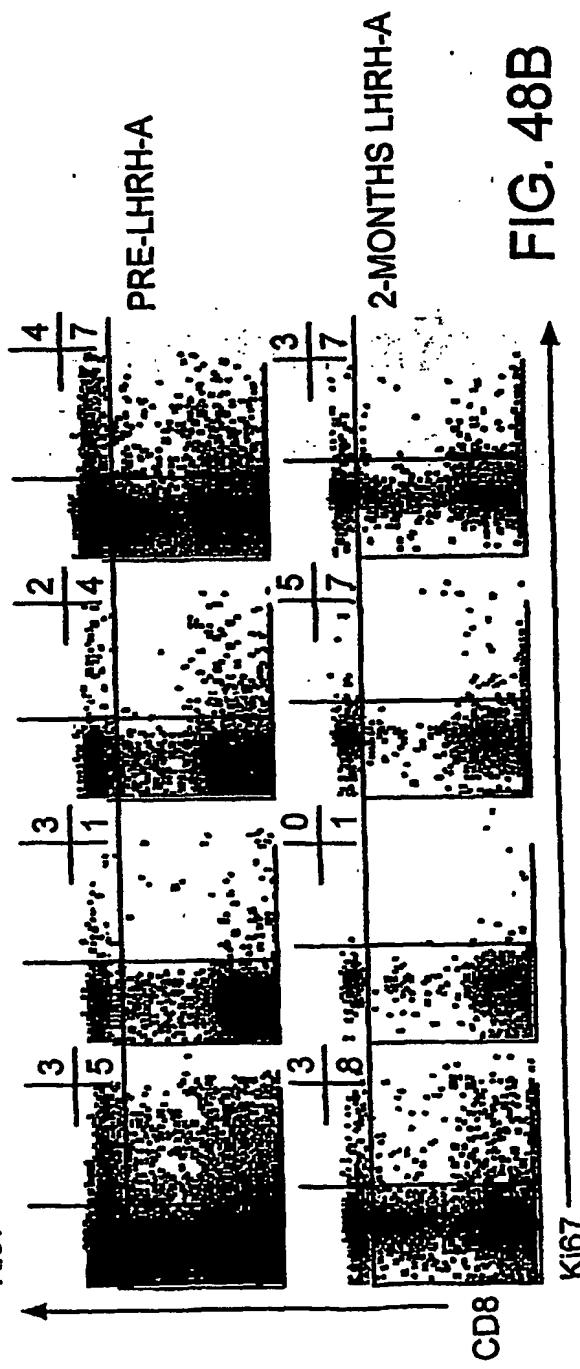


FIG. 48B

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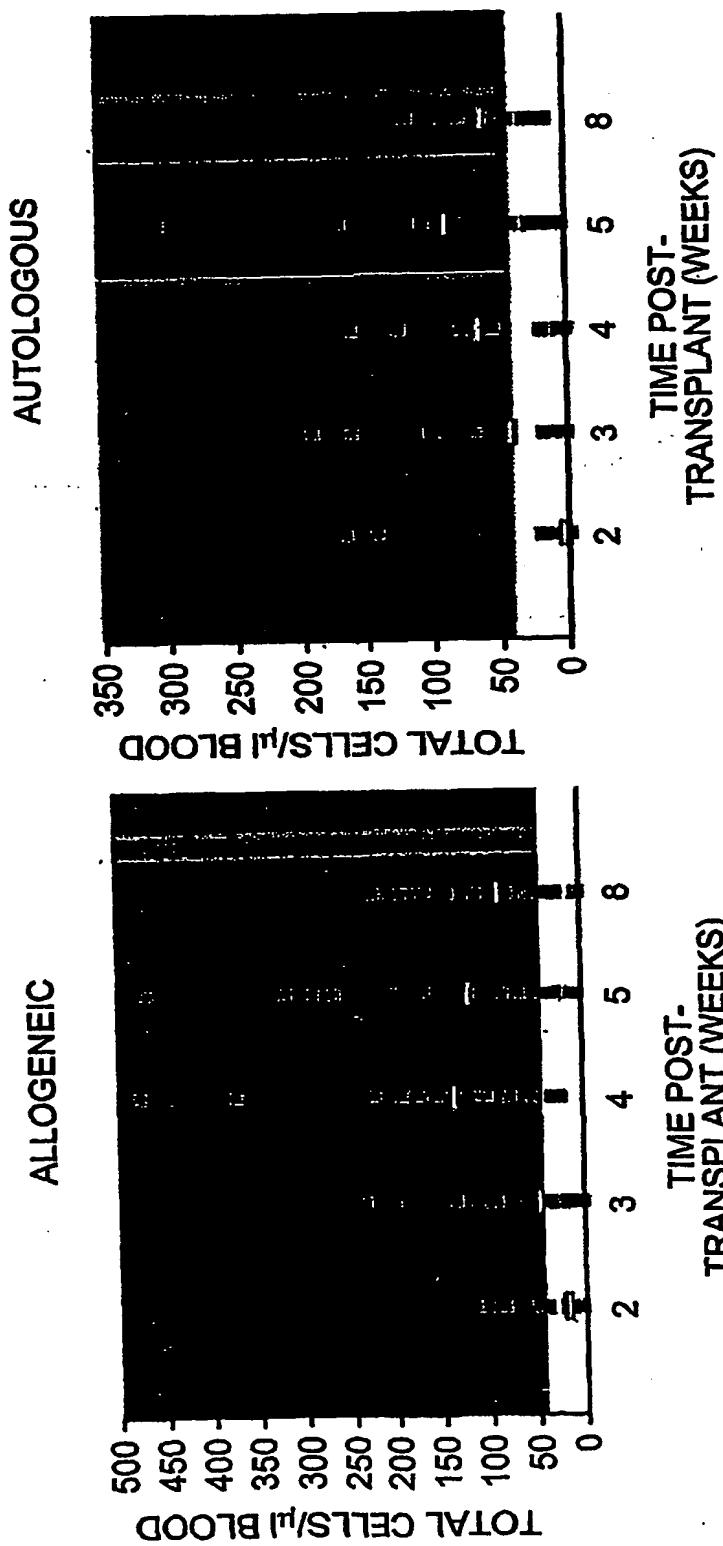


FIG. 49B

FIG. 49A

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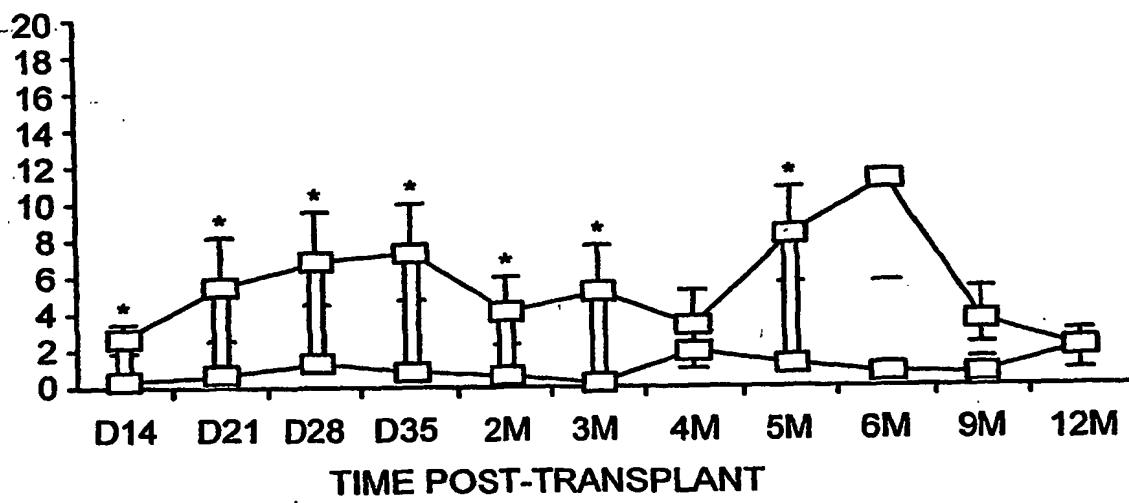
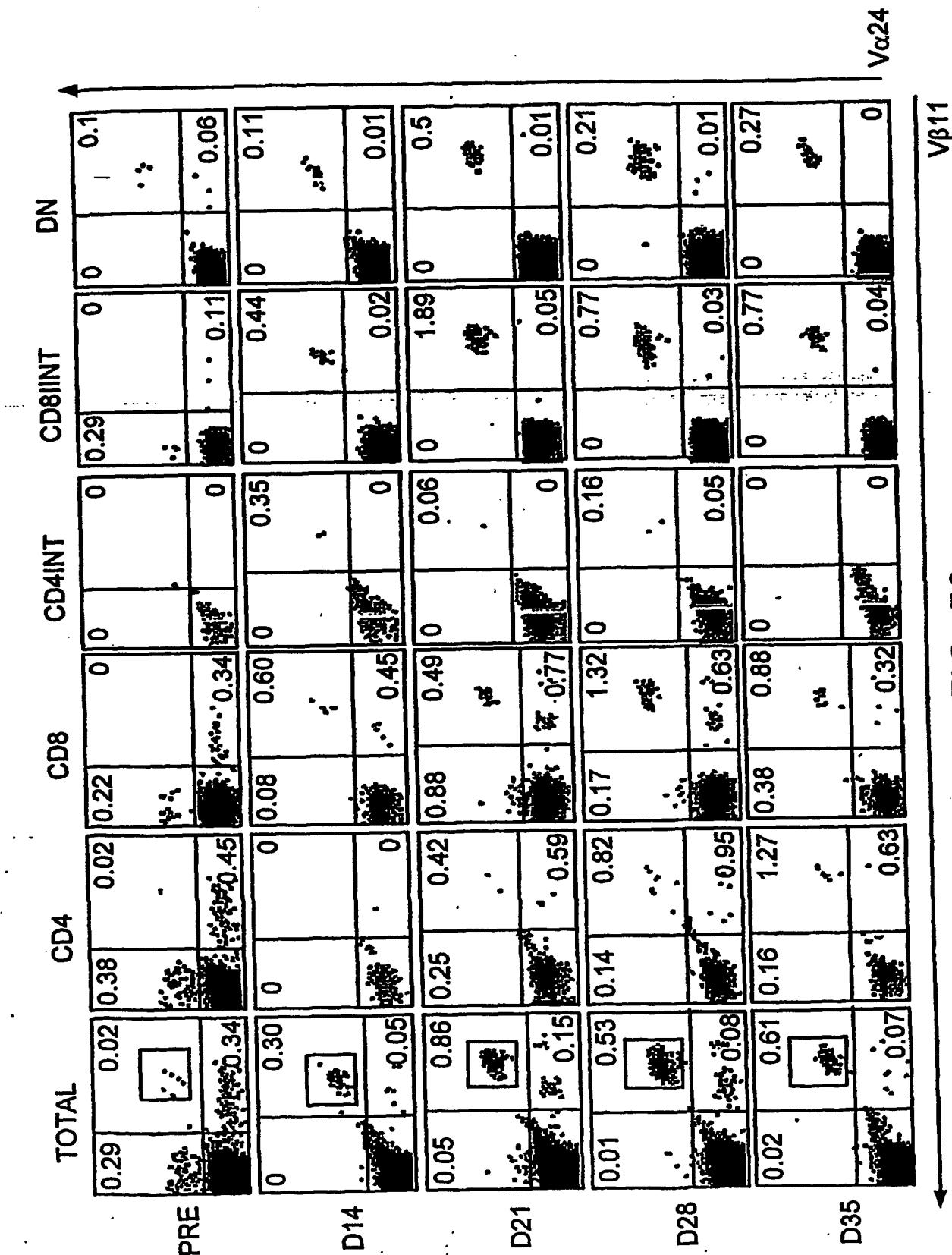


FIG. 49C

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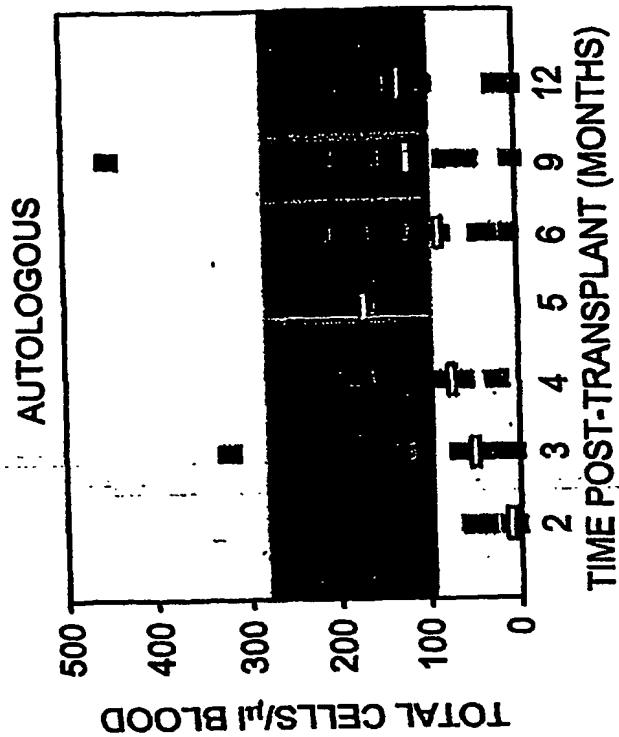


FIG. 51B

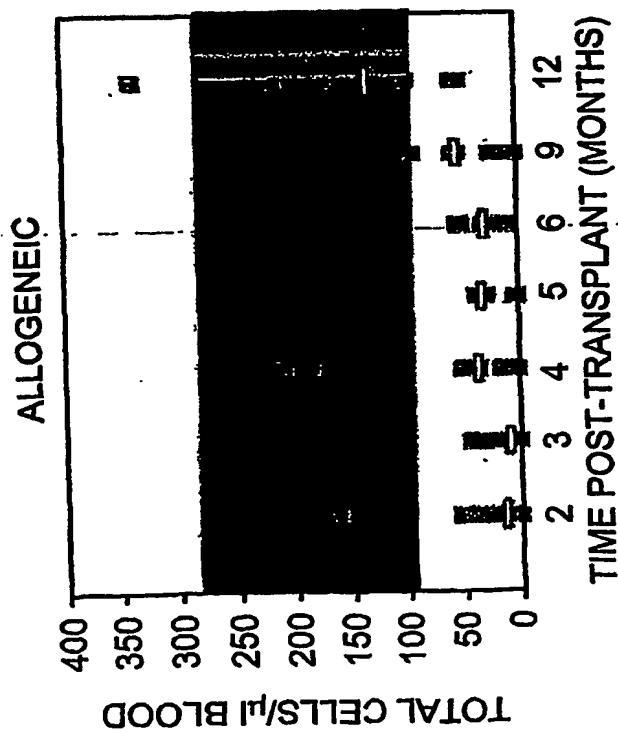


FIG. 51A

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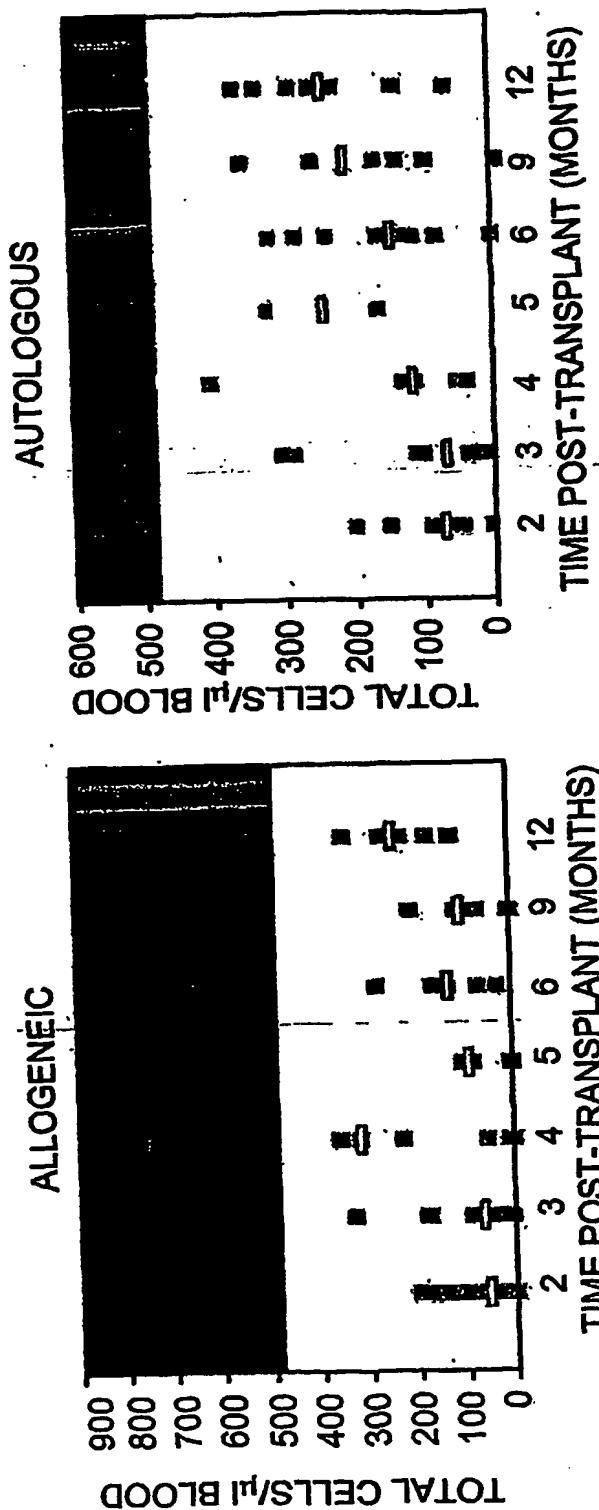


FIG. 52B

FIG. 52A

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AUTOLOGOUS

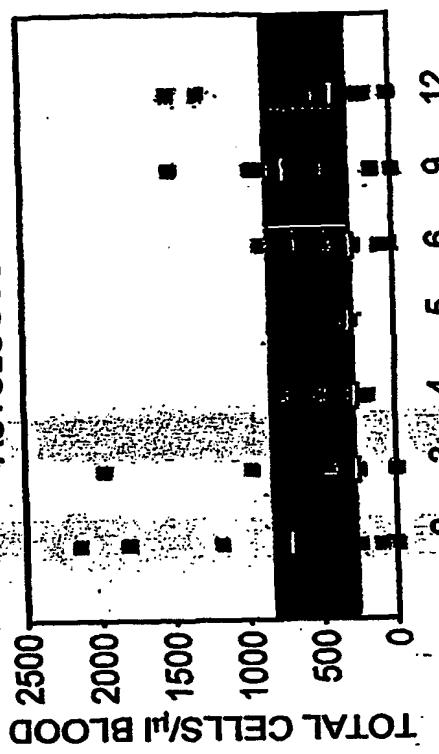


FIG. 53B

ALLOGENIC

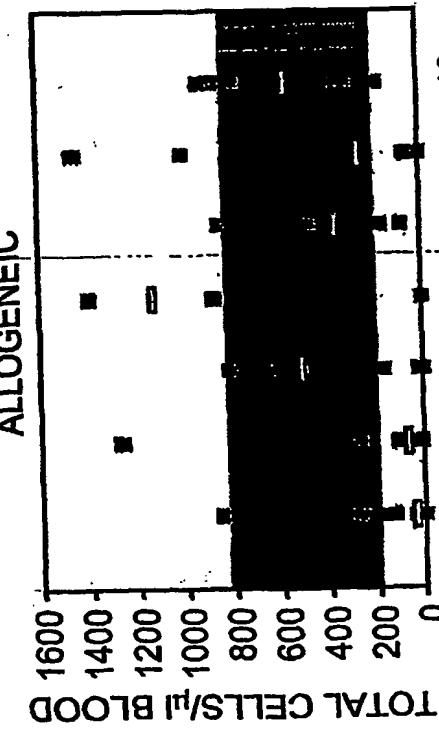


FIG. 53A

TIME POST-TRANSPLANT (MONTHS)



FIG. 53C

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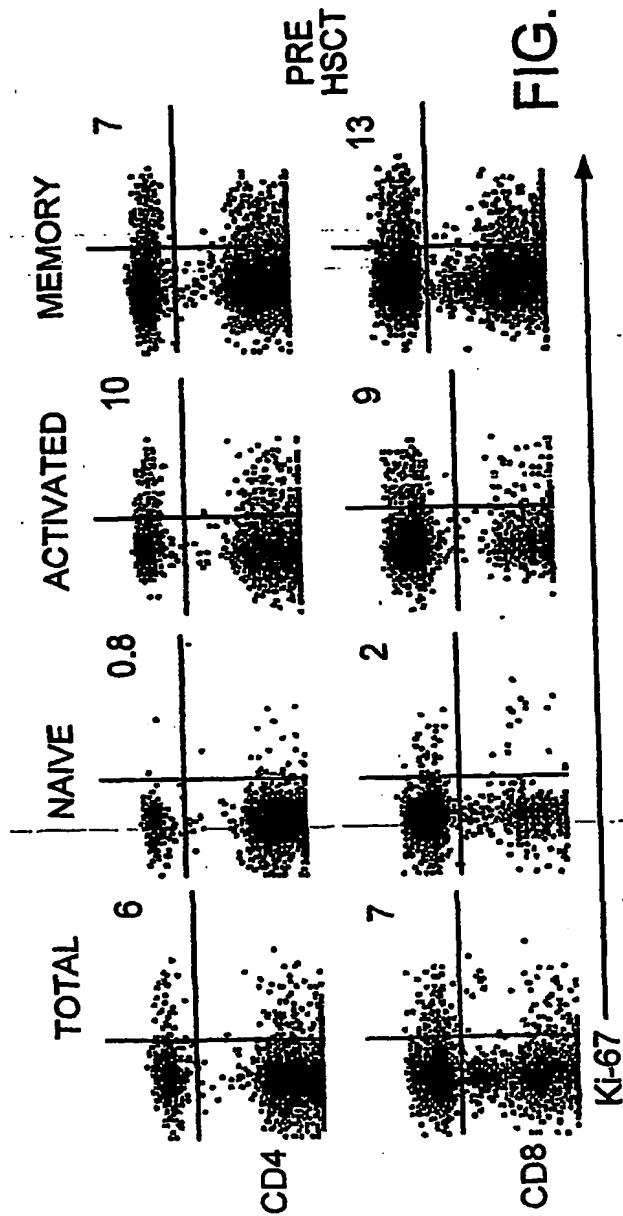


FIG. 54A

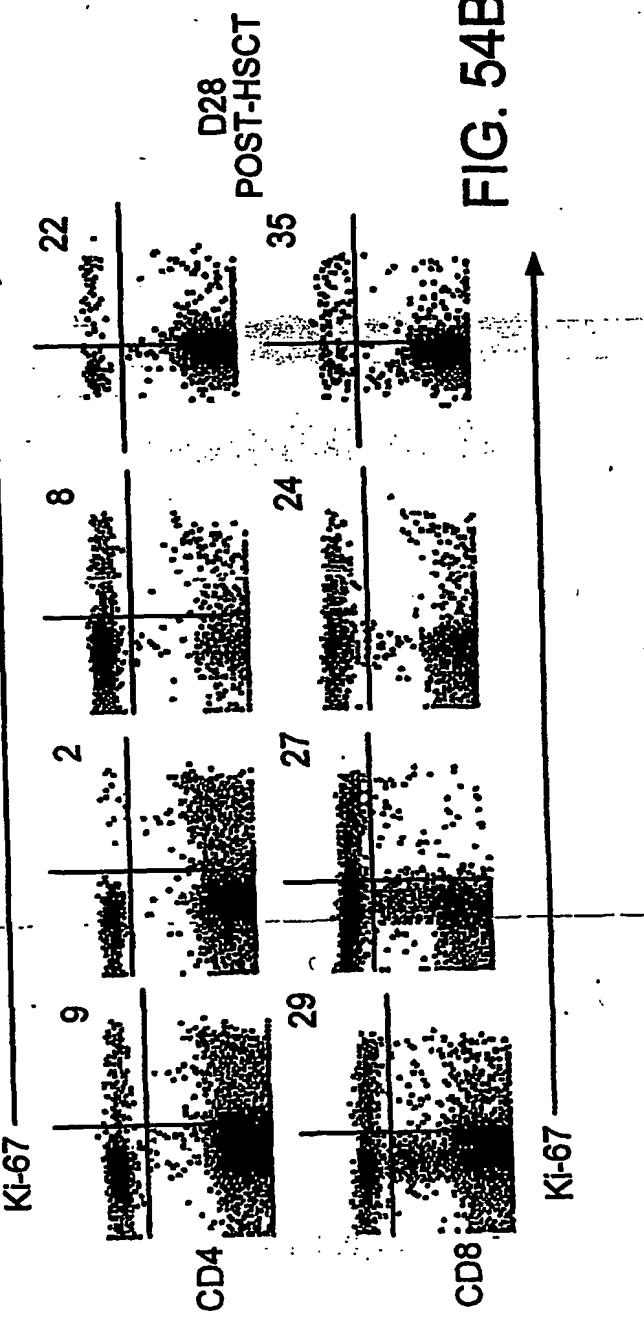
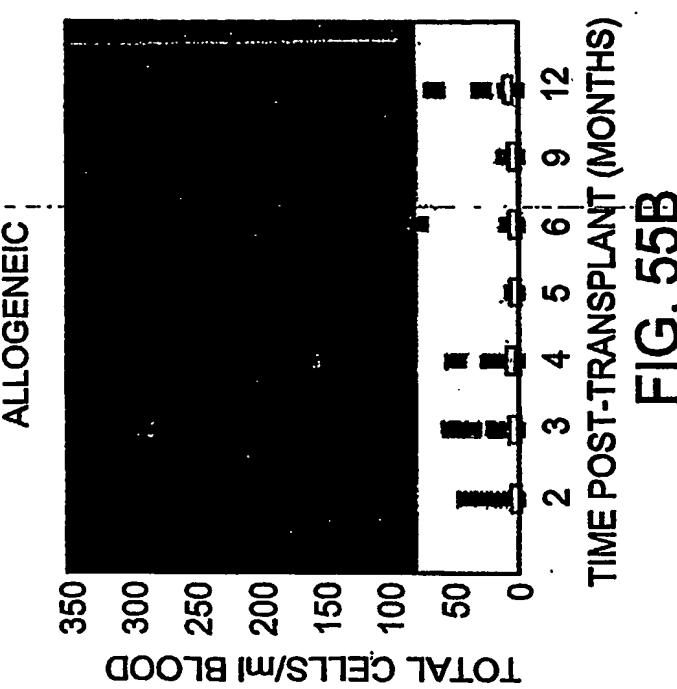
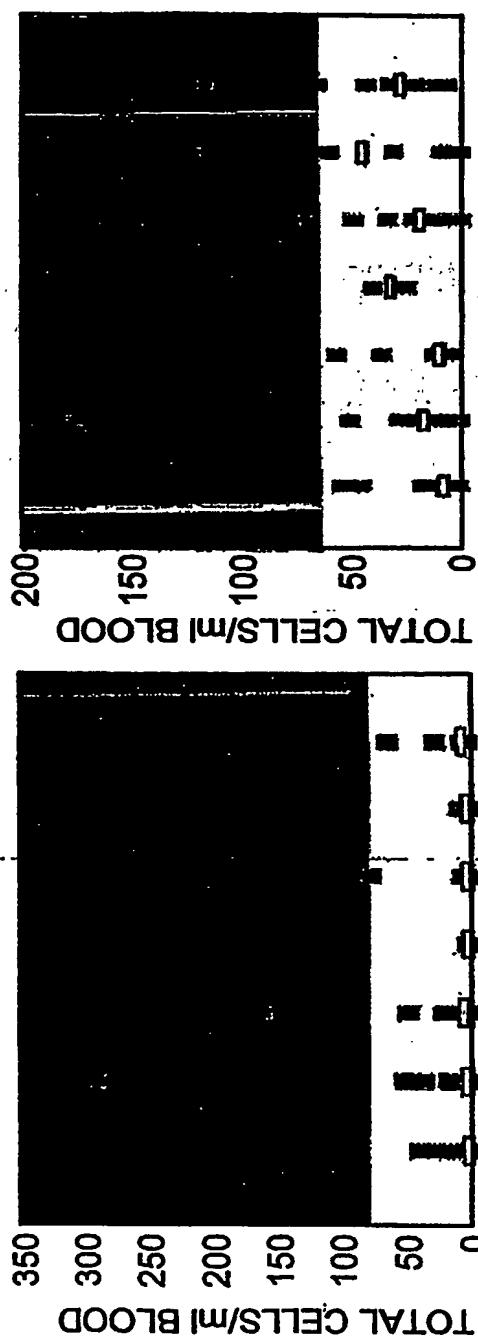


FIG. 54B

**FIG. 55D**

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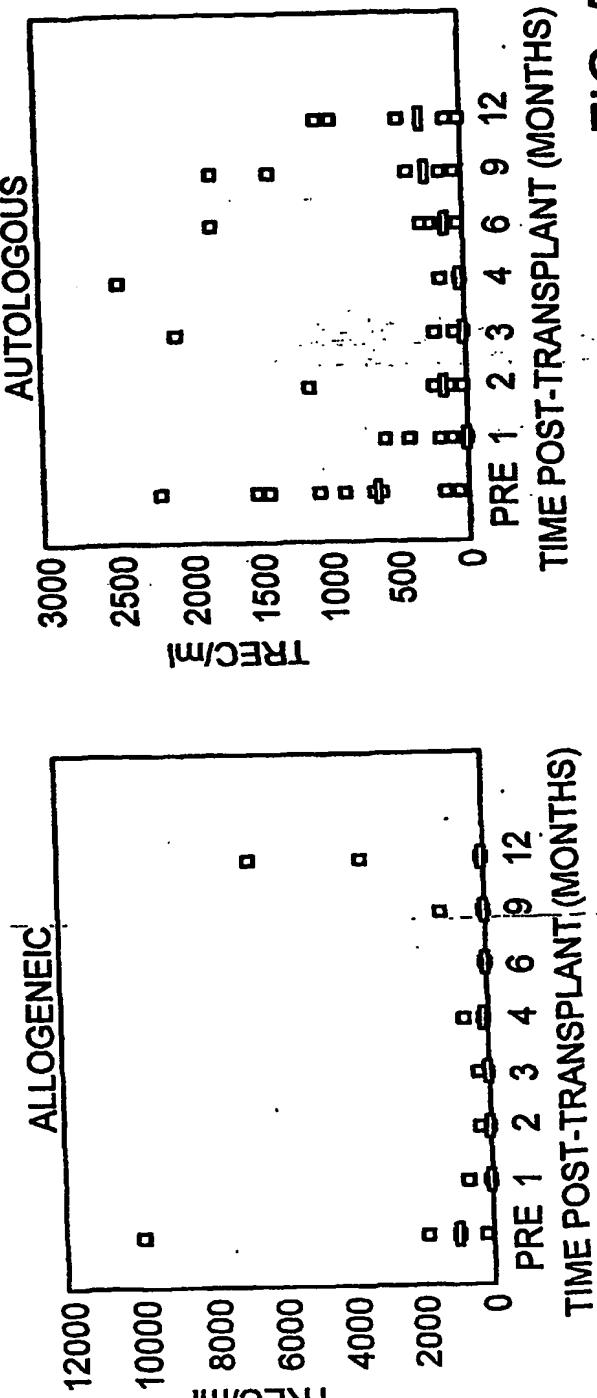


FIG. 56A

FIG. 56B

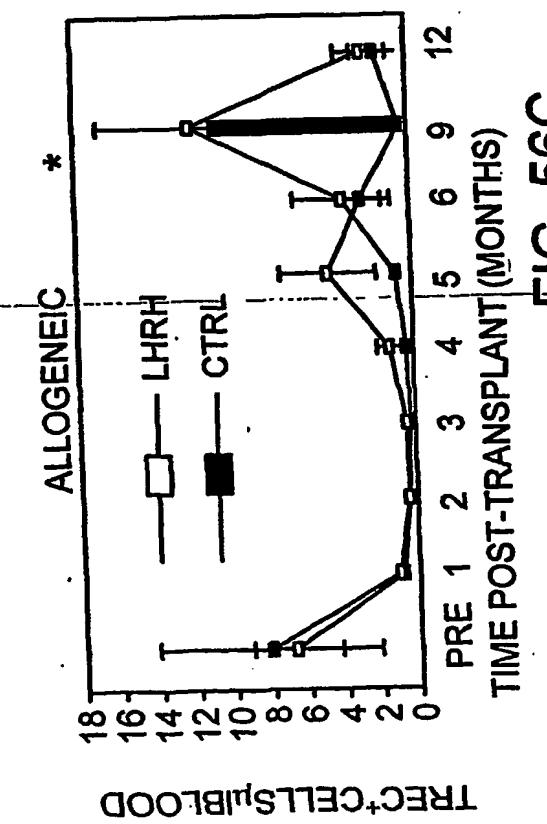


FIG. 56C

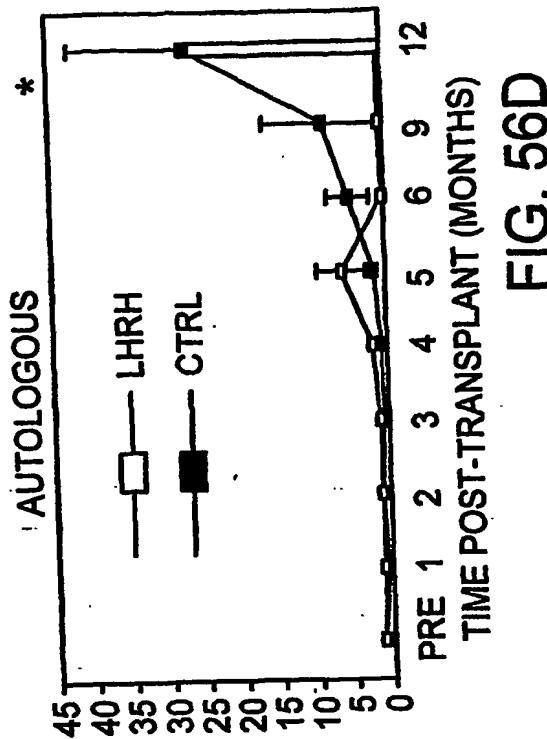


FIG. 56D

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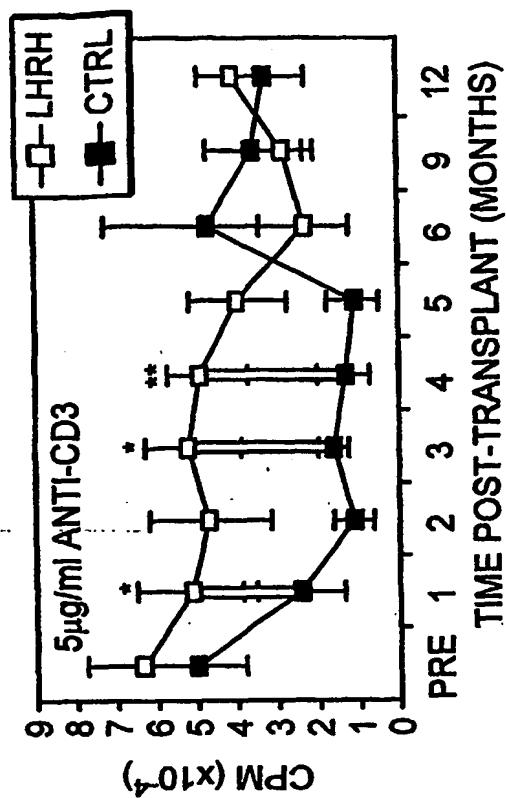


FIG. 57B

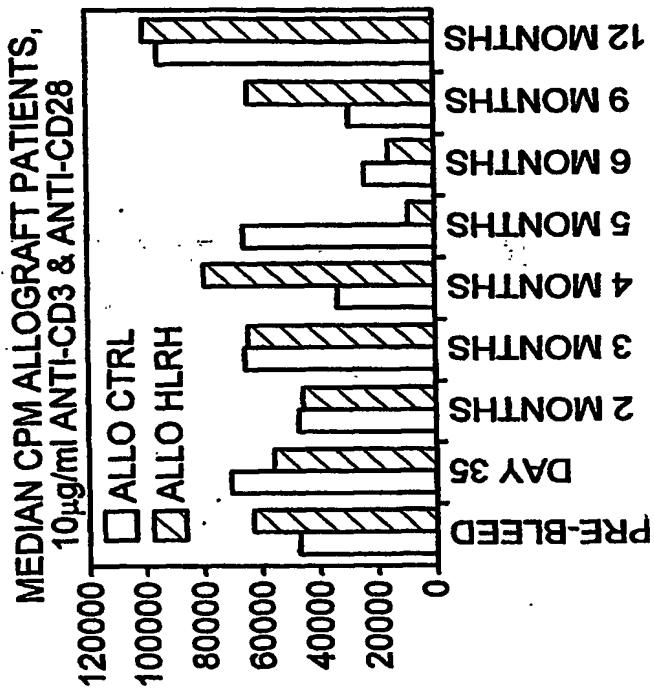
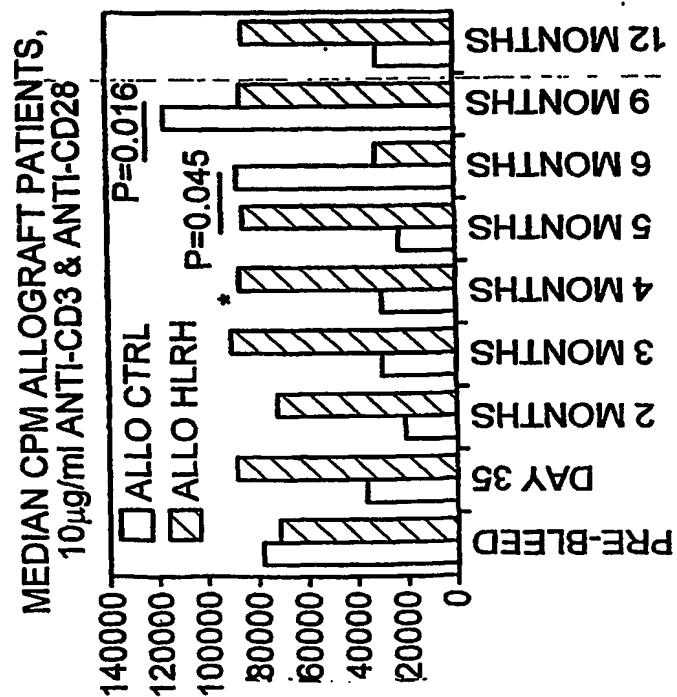
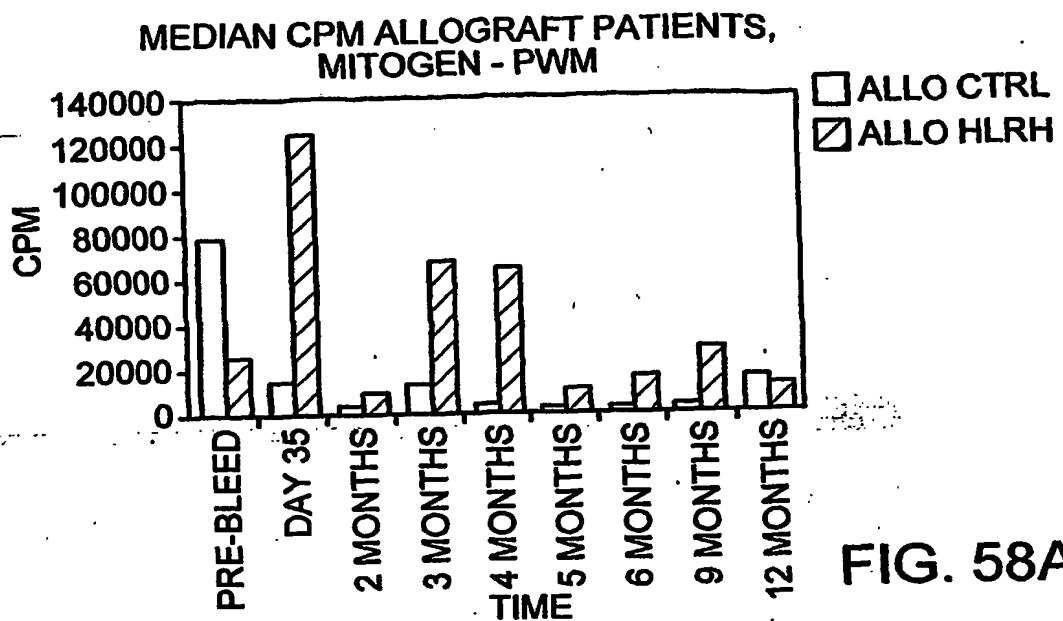
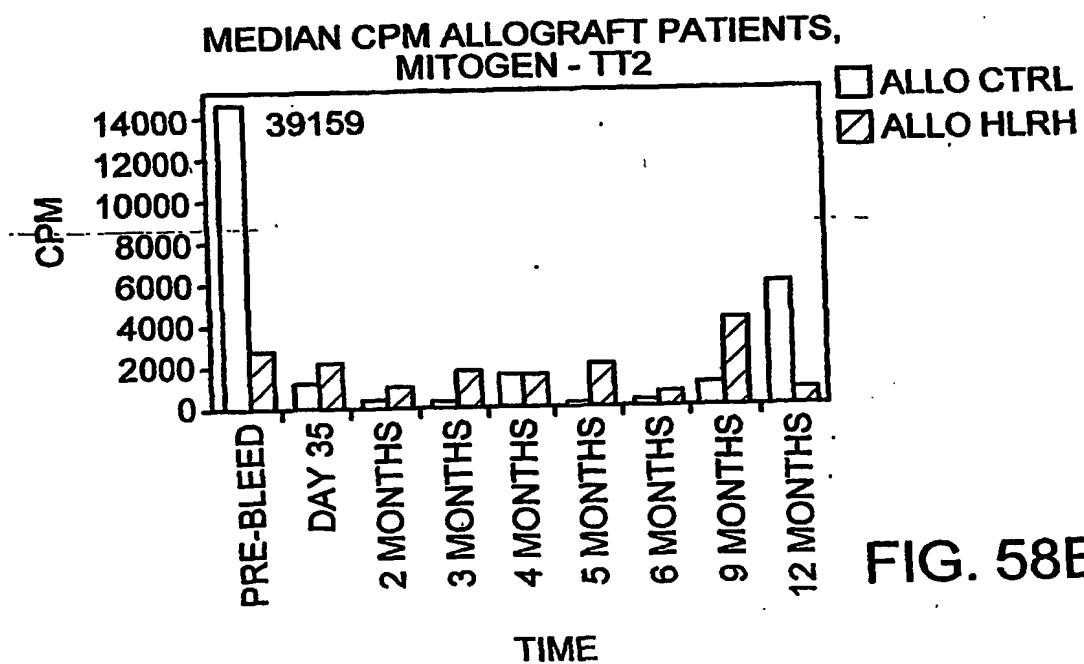


FIG. 57C



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**FIG. 58A****FIG. 58B**

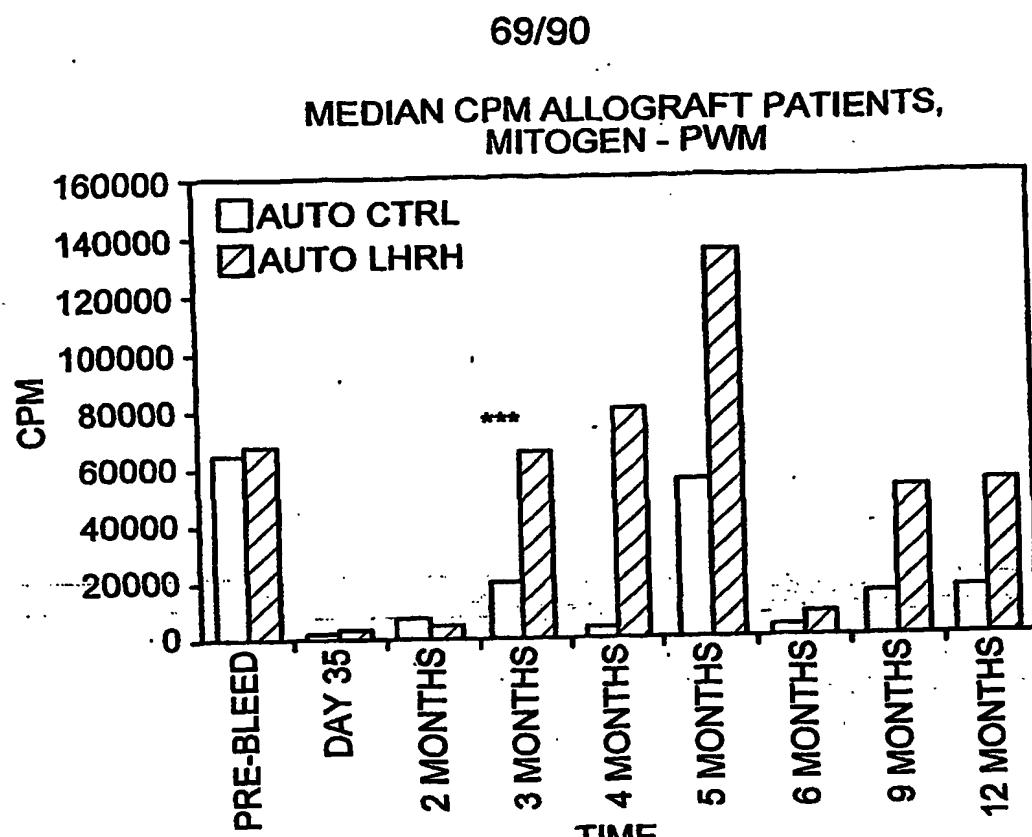


FIG. 59A

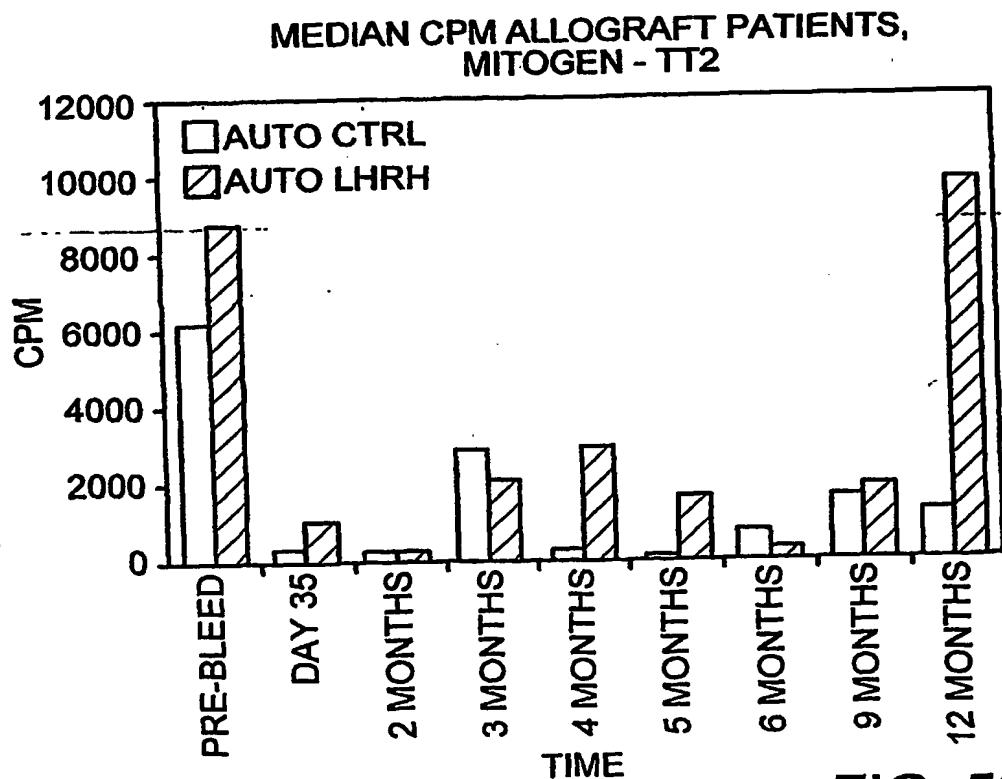
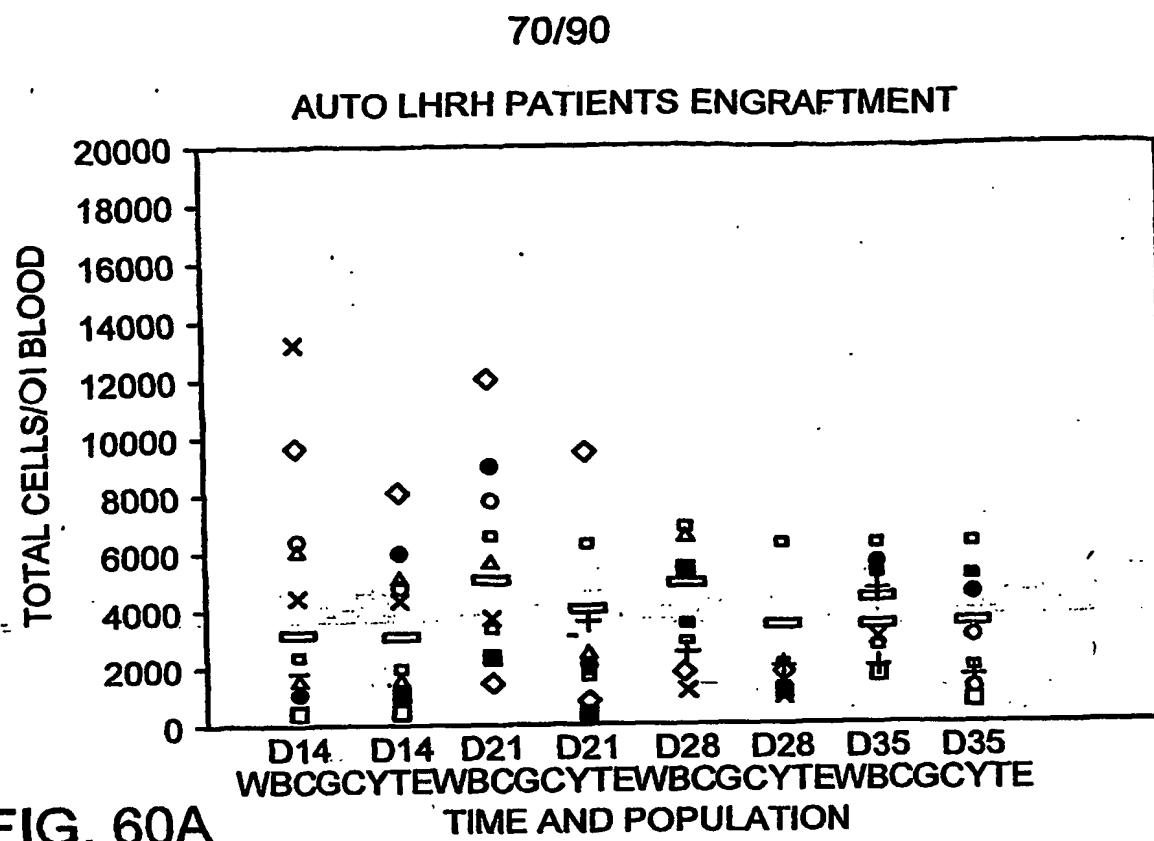
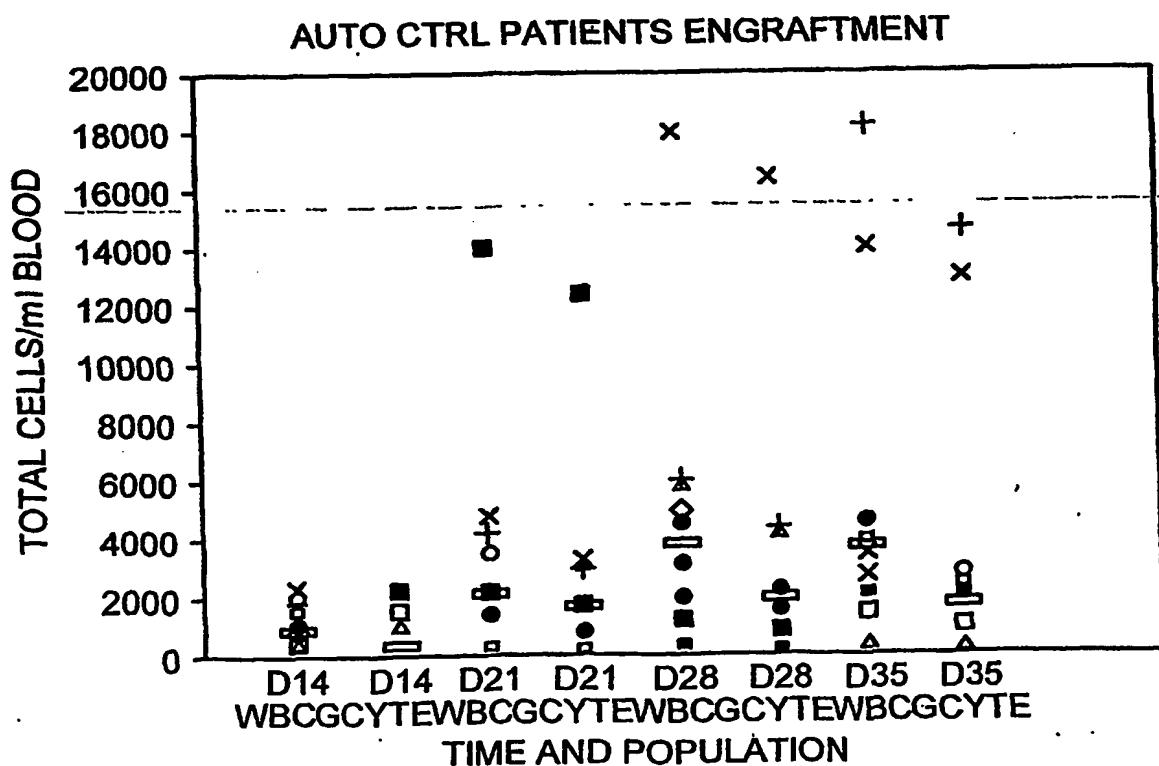


FIG. 59B

**FIG. 60A**

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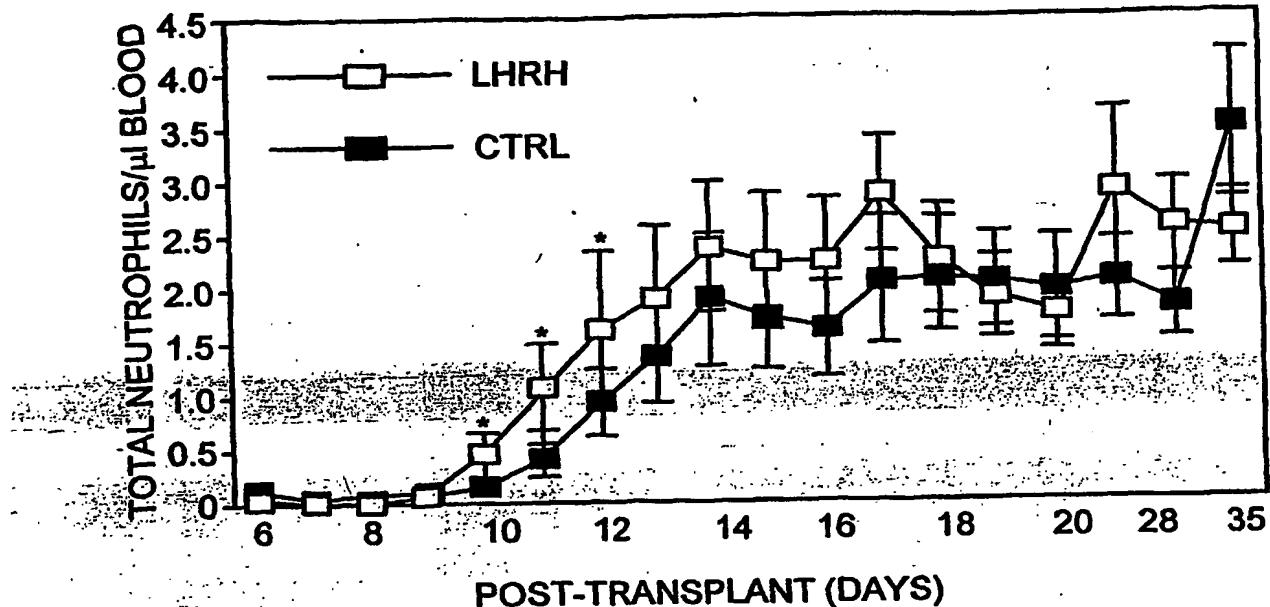


FIG. 60C

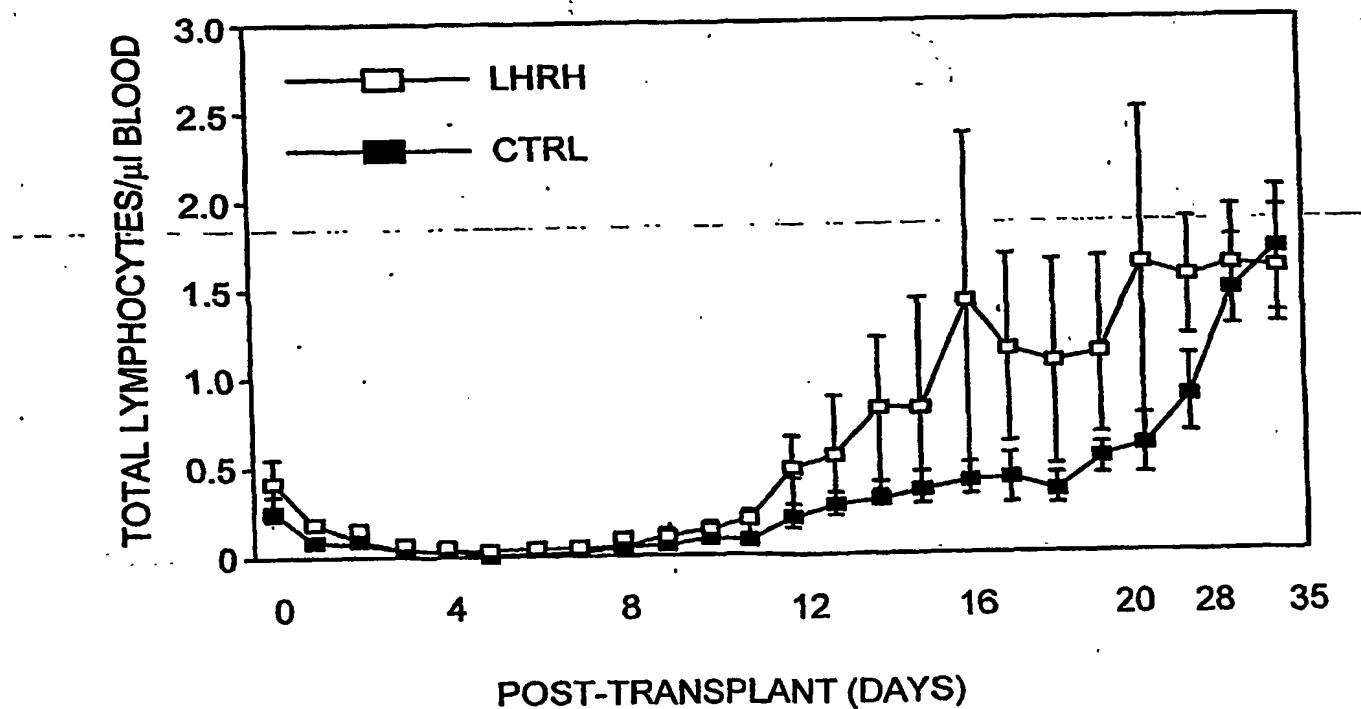


FIG. 60D

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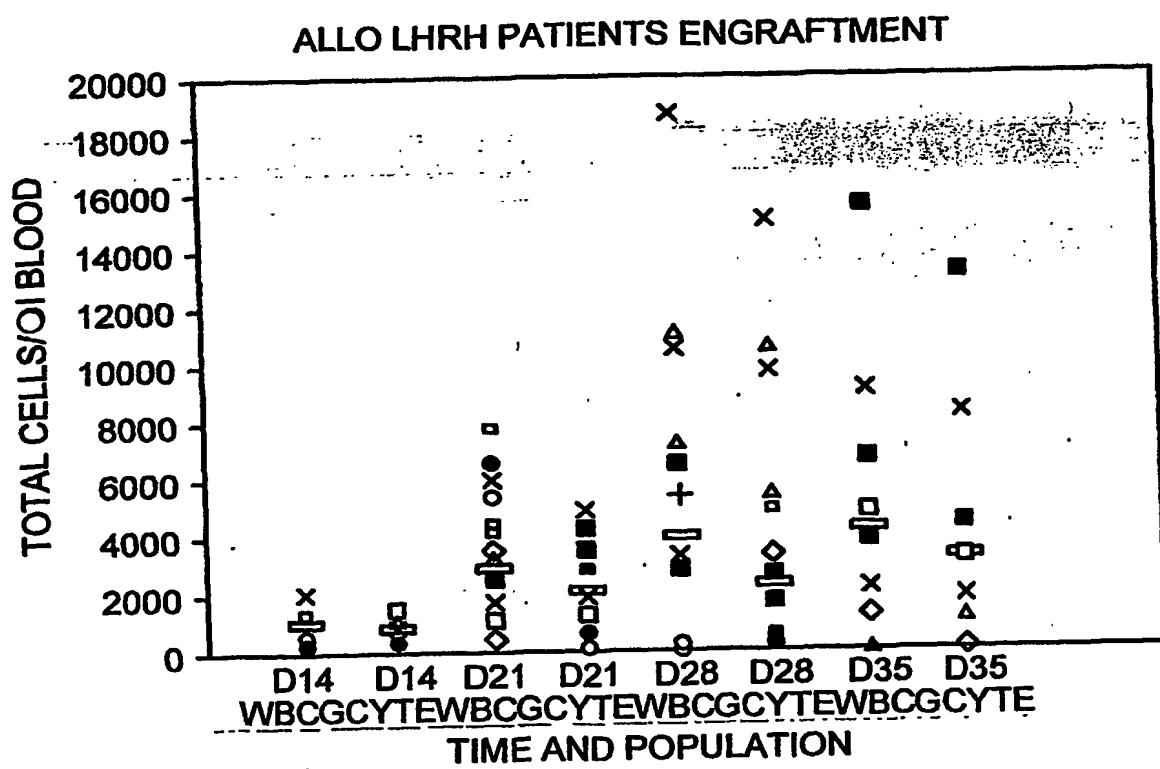


FIG. 61A

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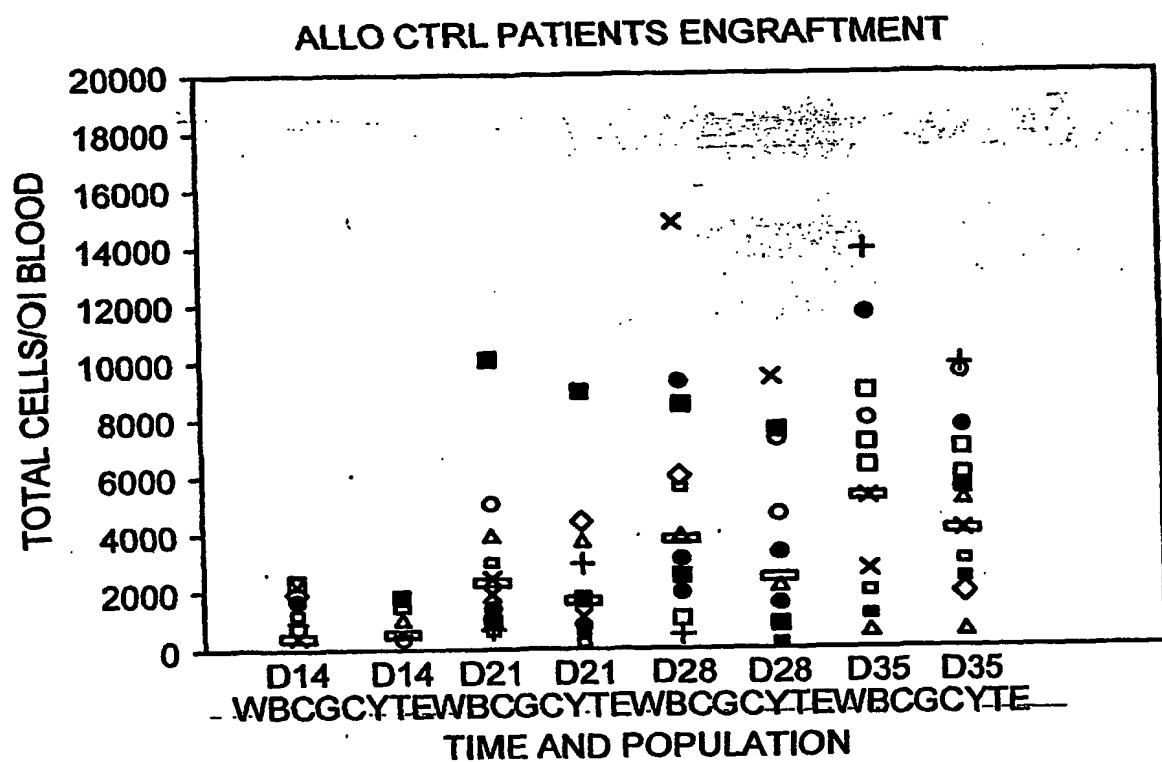


FIG. 61B

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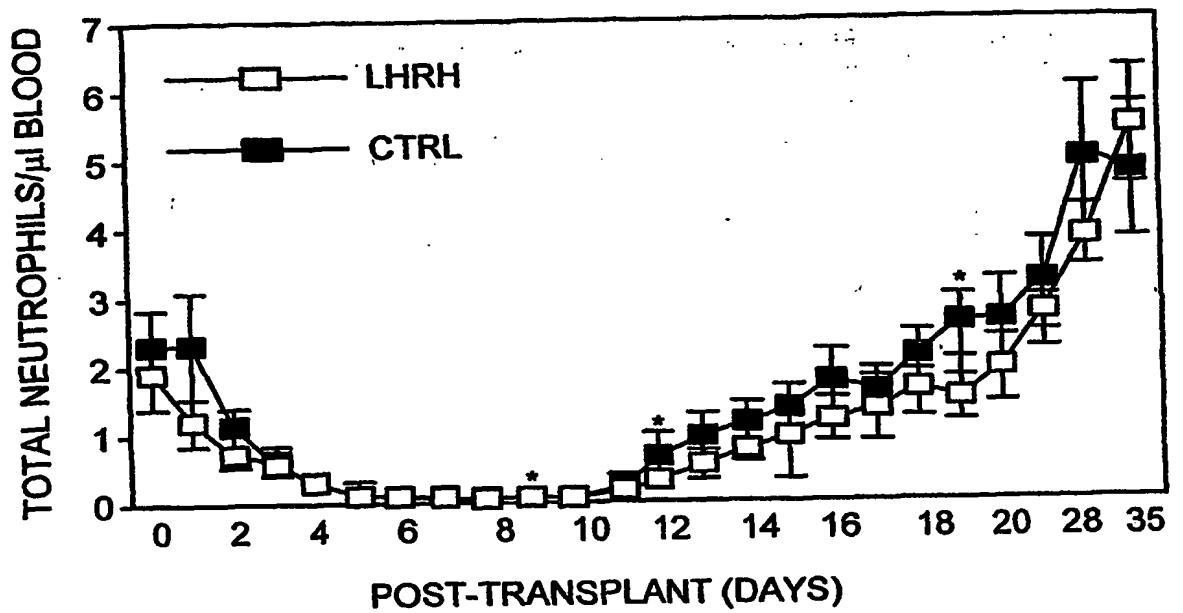


FIG. 61C

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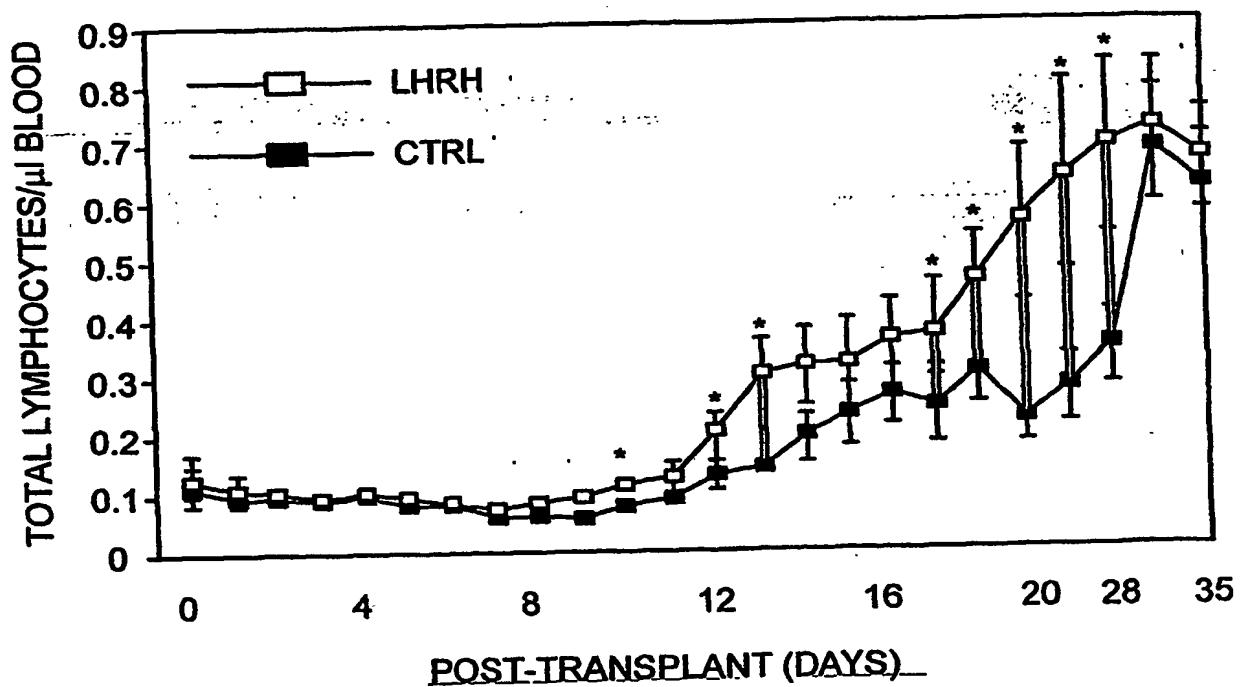


FIG. 61D

CASTRATED MICE SHOW ENHANCE D ANTI-CD3  
STIMULATED T CELL PROLIFERATION

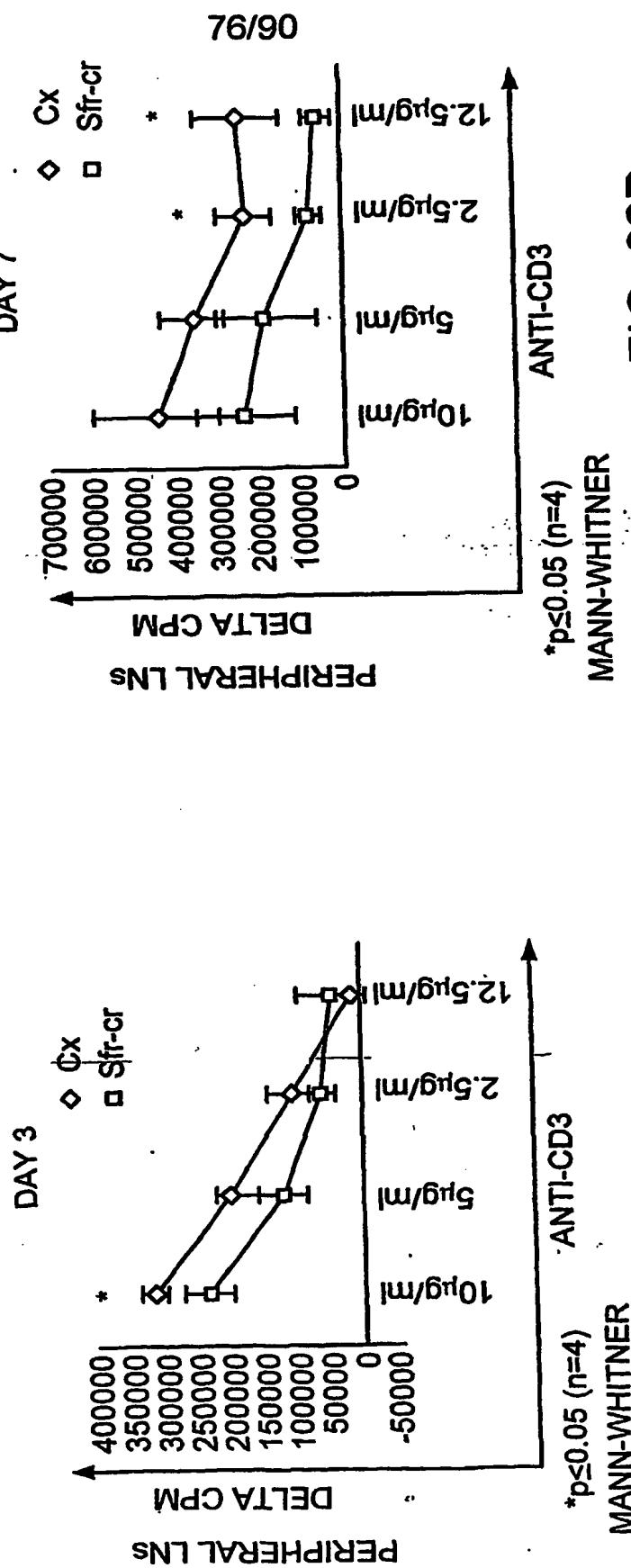
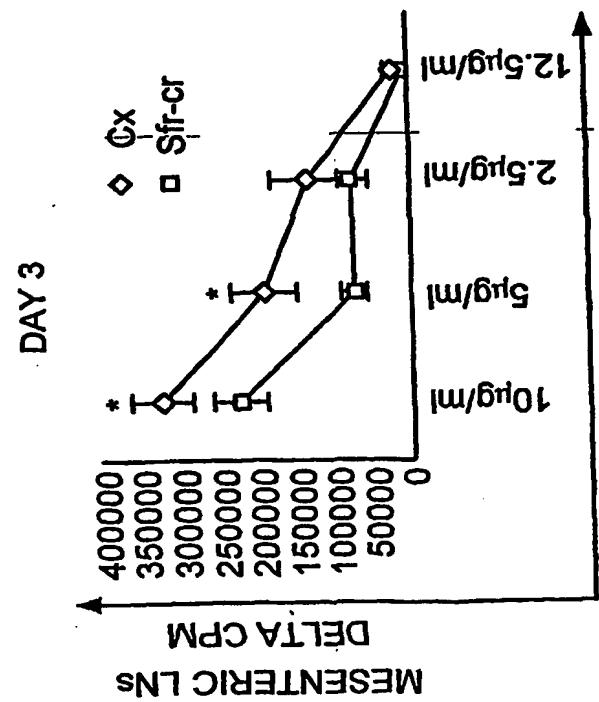


FIG. 62A

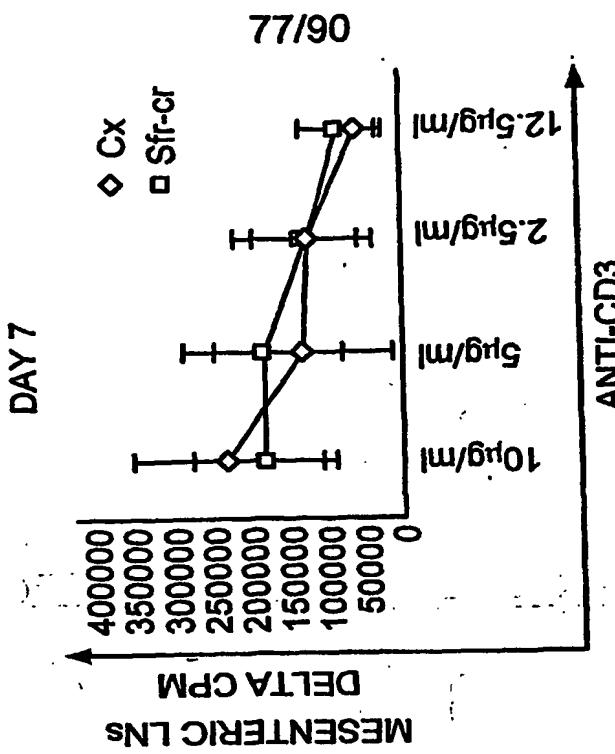
FIG. 62B

CASTRATED MICE SHOW ENHANCED ANTI-CD3  
STIMULATED T CELL PROLIFERATION



\*p≤0.05 (n=4)  
MANN-WHITNER

FIG. 62C



\*p≤0.05 (n=4)  
MANN-WHITNER

FIG. 62D

CASTRATED MICE SHOW ENHANCED ANTI-CD3  
STIMULATED T CELL PROLIFERATION

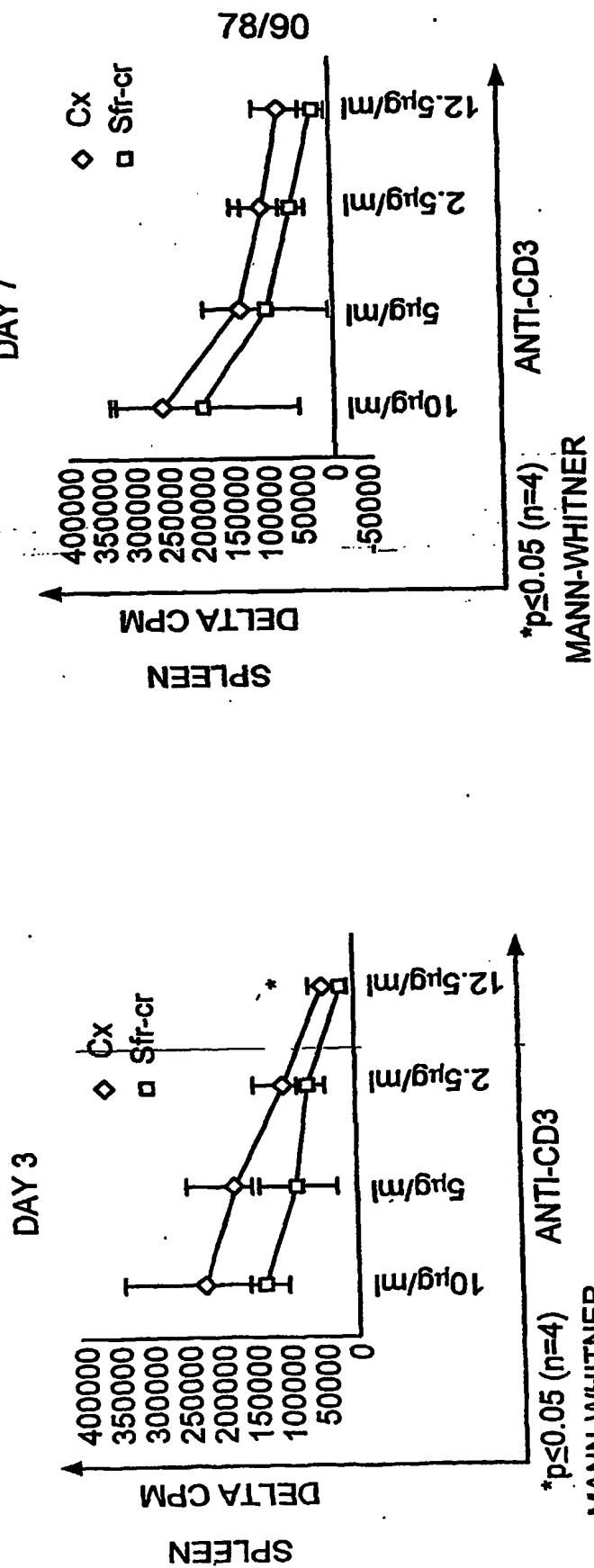
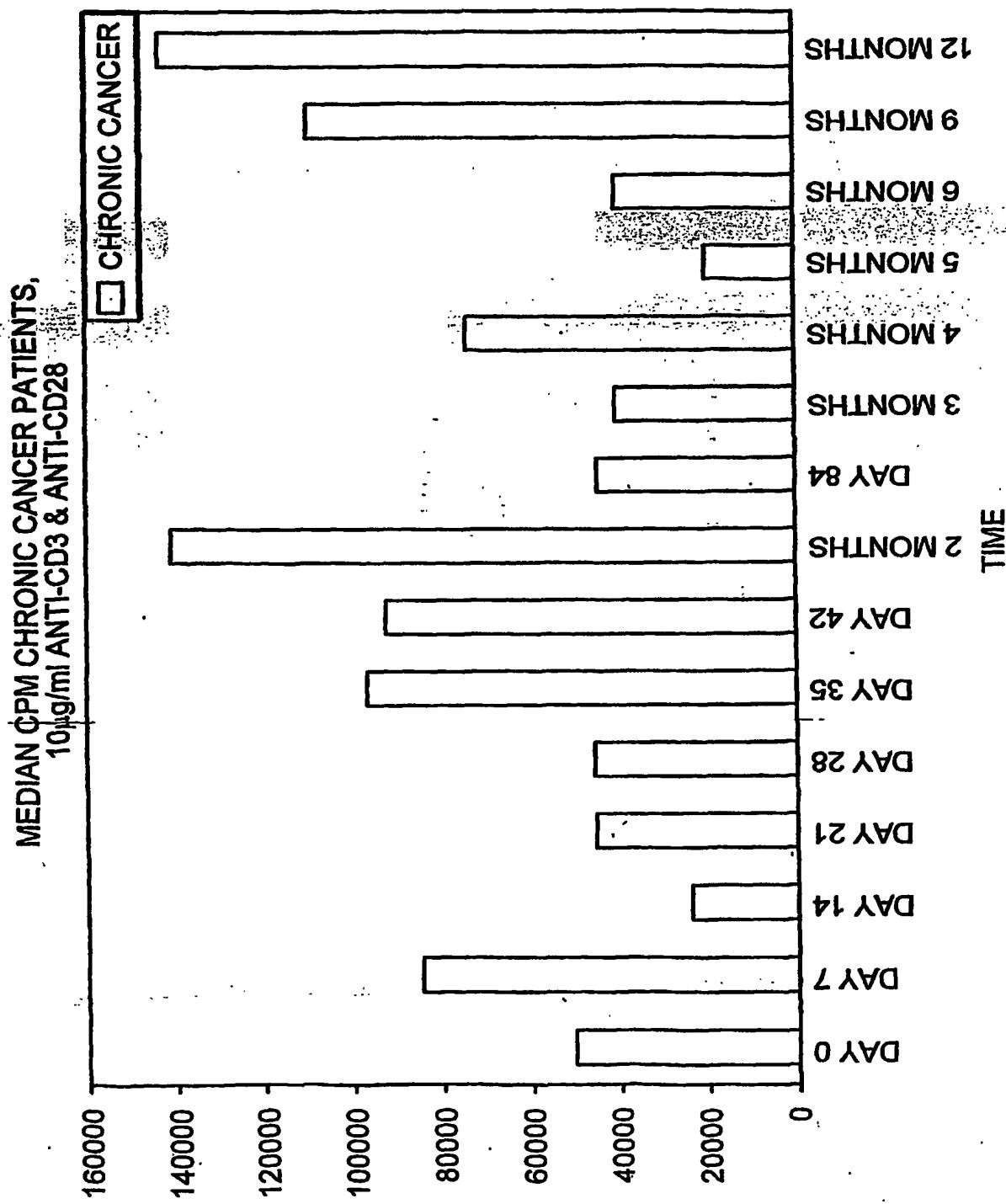


FIG. 62E

FIG. 62F

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FIG. 63



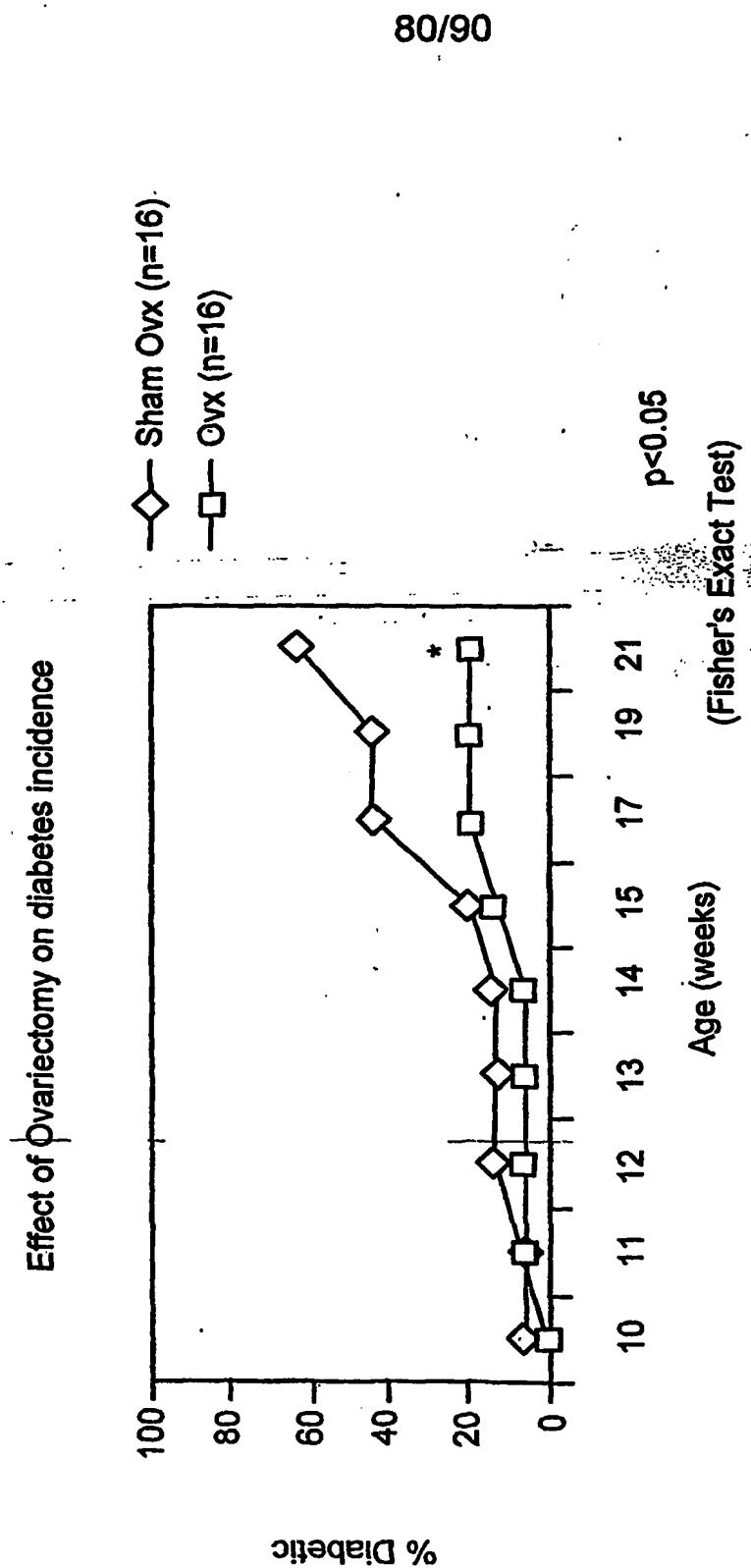
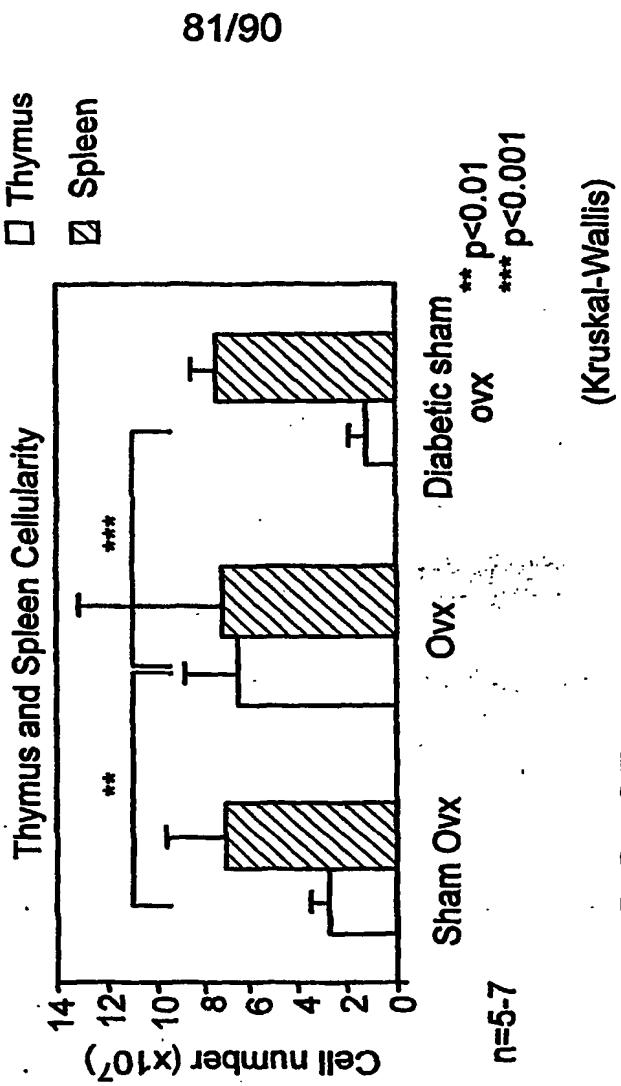


FIG. 64

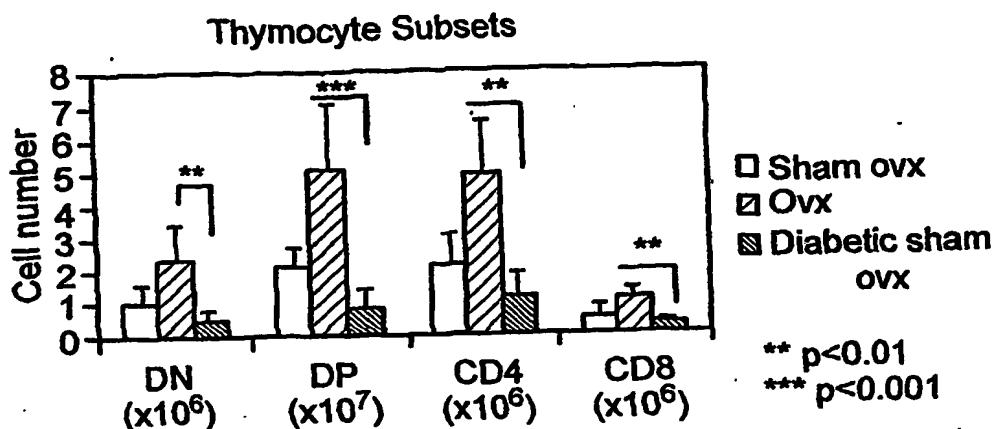
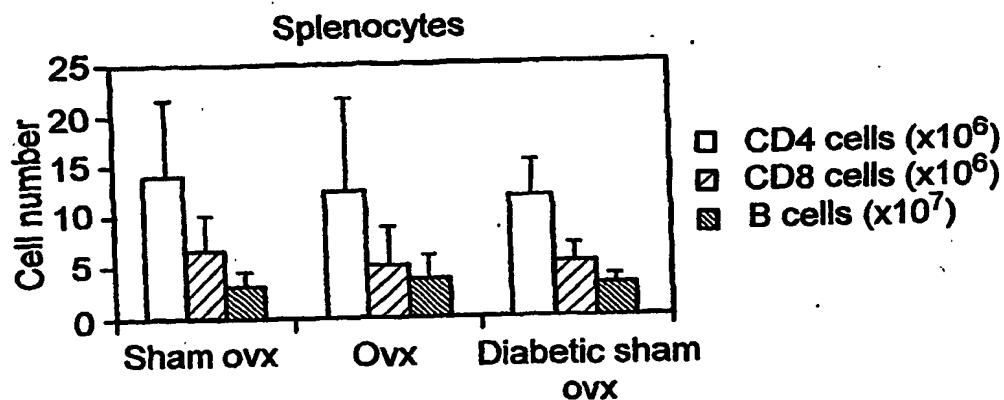
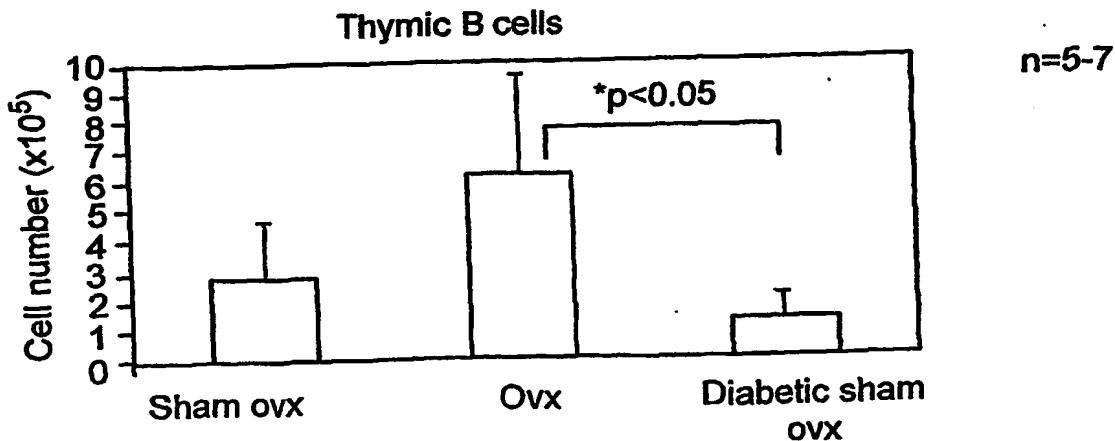
**Effects of Ovx on the Thymus and Spleen**



- At 21 weeks:
  - Non-diabetic sham-ovx
  - Non-diabetic ovx
  - Diabetic sham-ovx
- Thymus, Spleen analysed for T cells, B cells, and regulatory cells
- 

**FIG. 65**

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**Effects of Ovx on T and B cells****FIG. 66A****FIG. 66B****FIG. 66C**

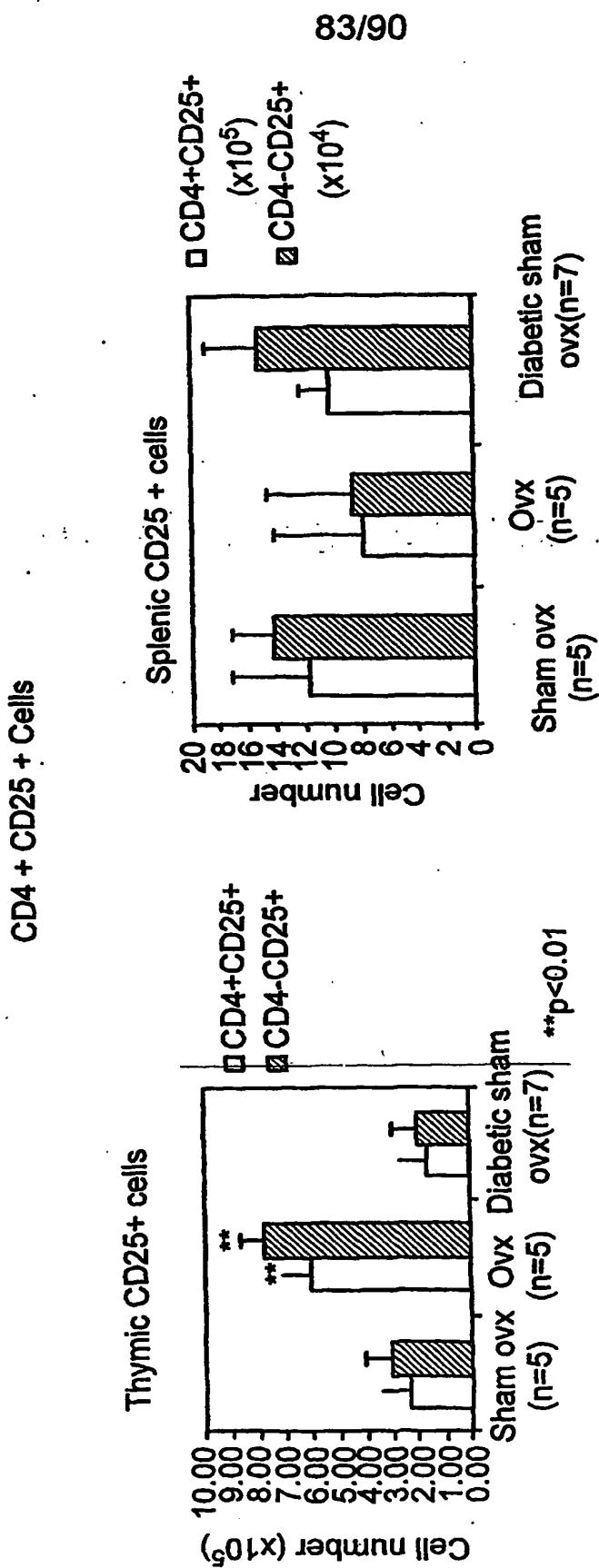


FIG. 67B

FIG. 67A

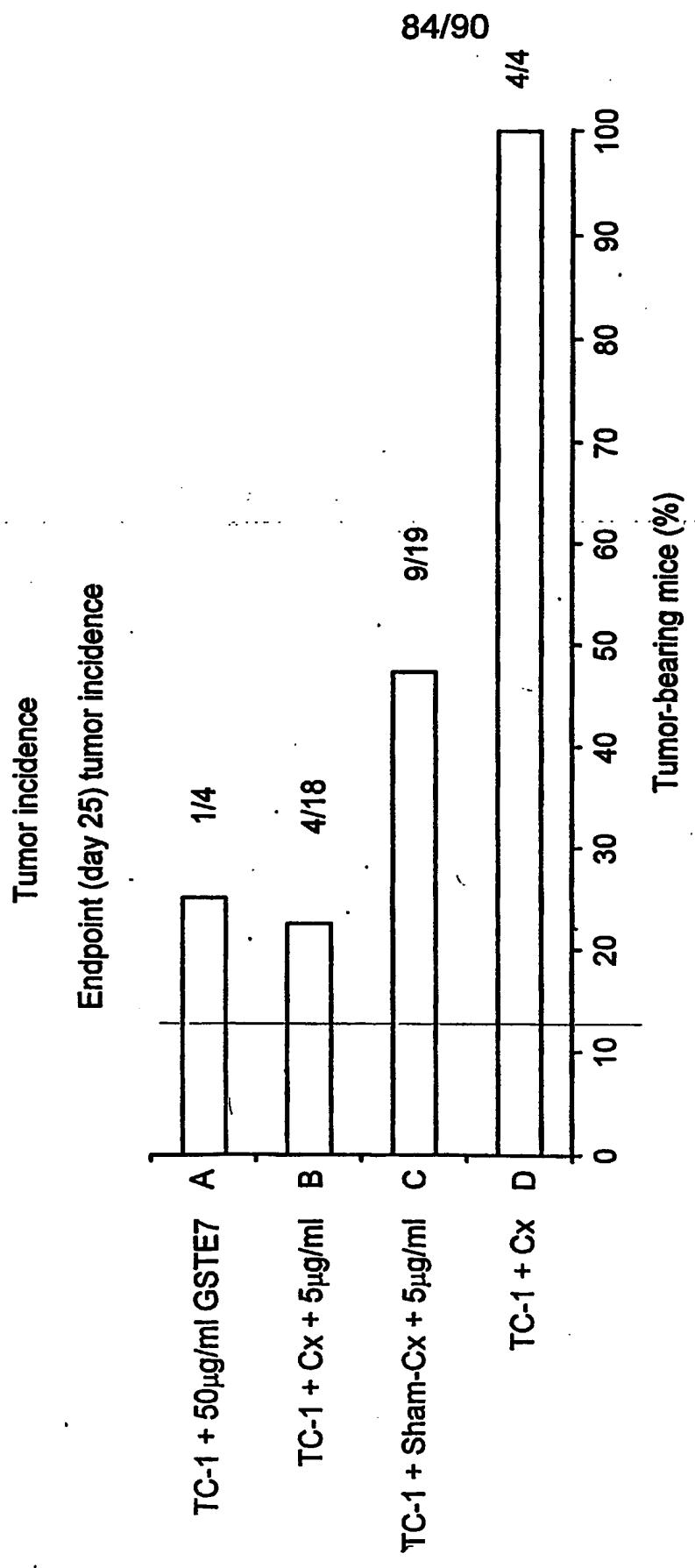
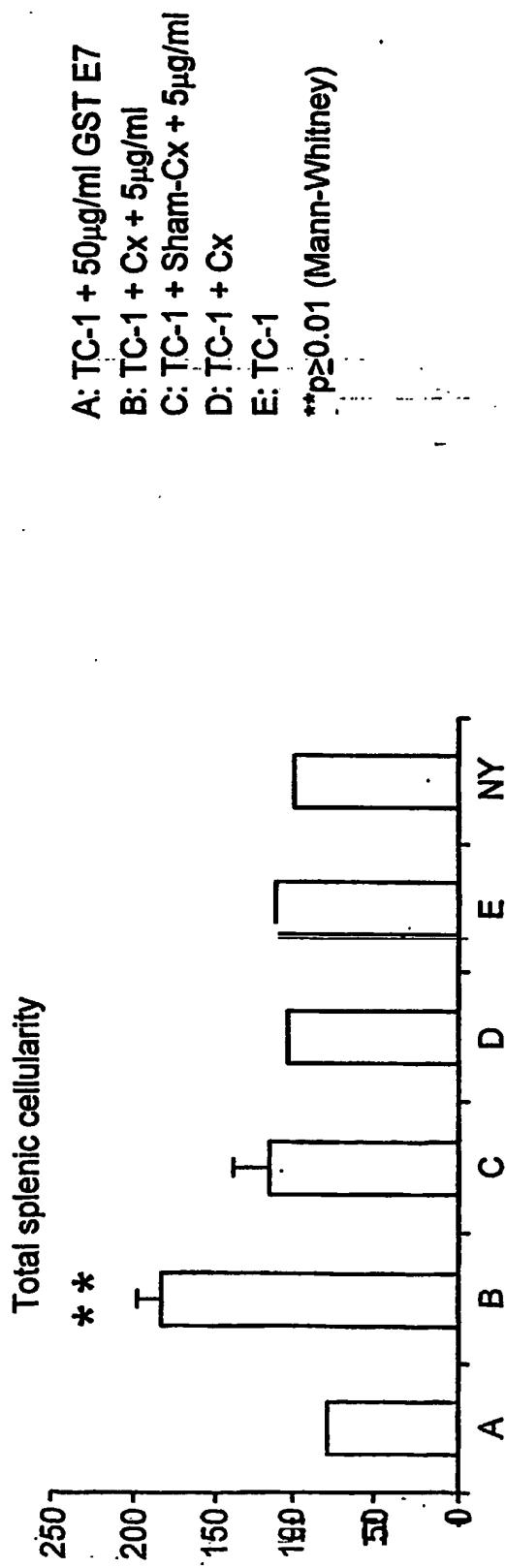


FIG. 68

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Increased splenic cellularity in cx<sup>lmm</sup> mice**FIG. 69A****FIG. 69B****FIG. 69C**

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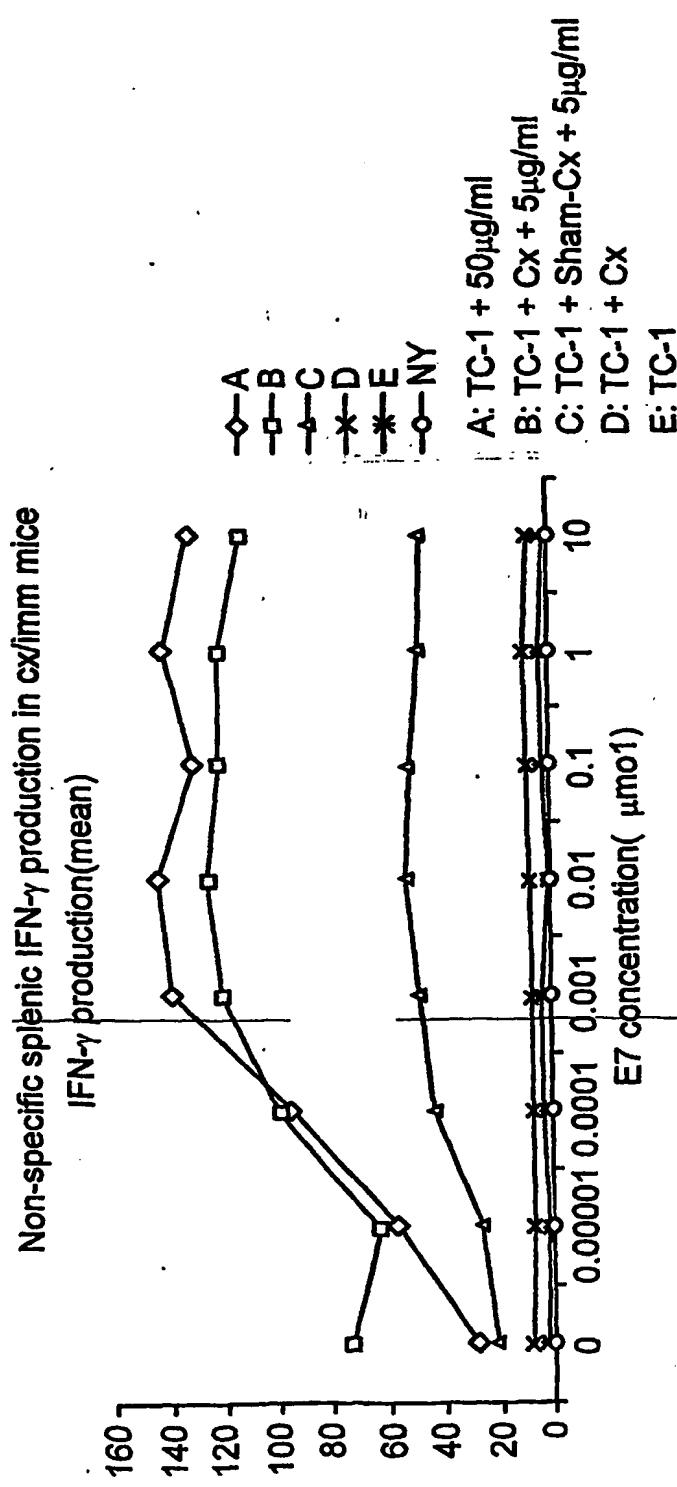


FIG. 70A

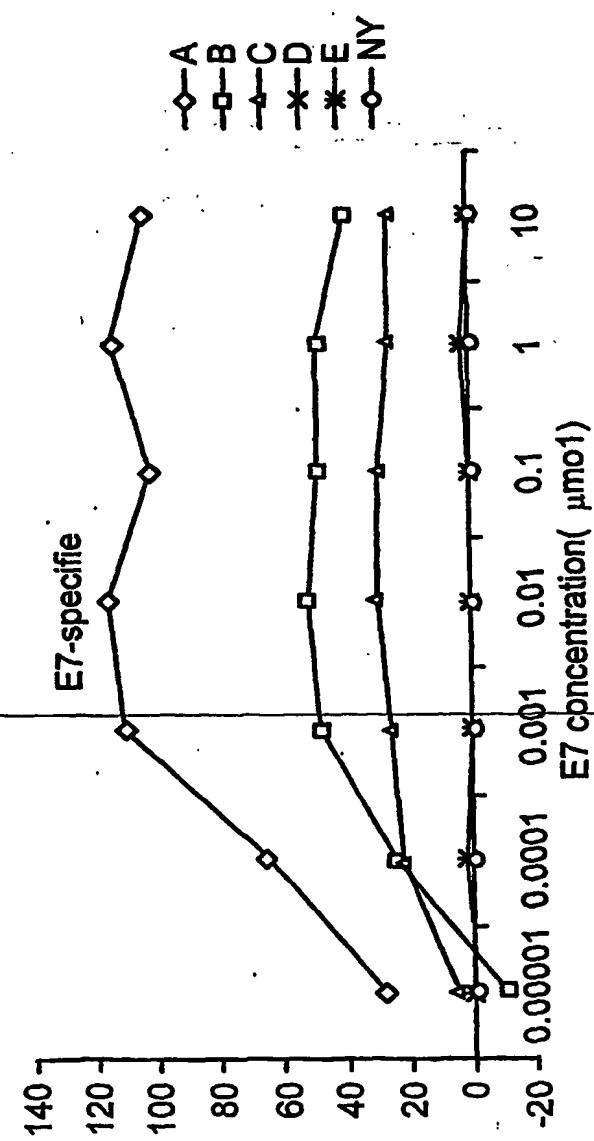


FIG. 70B

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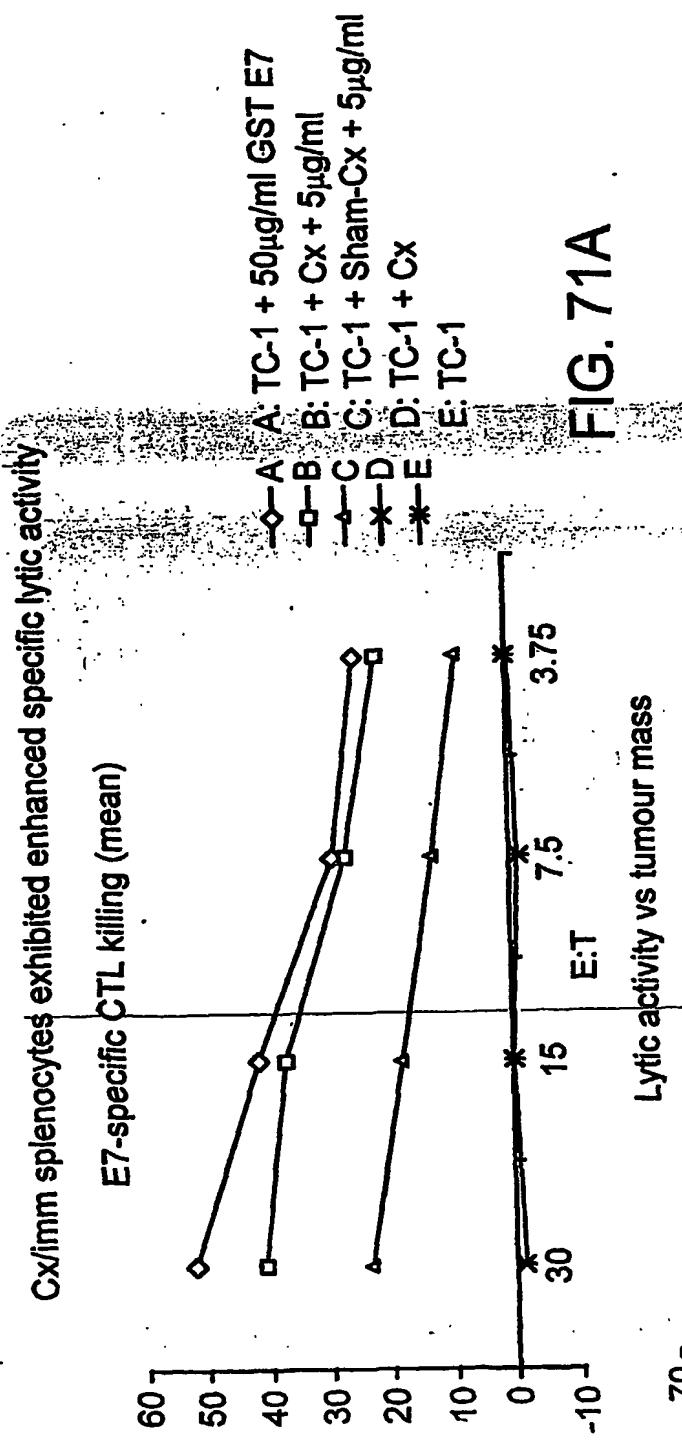


FIG. 71A

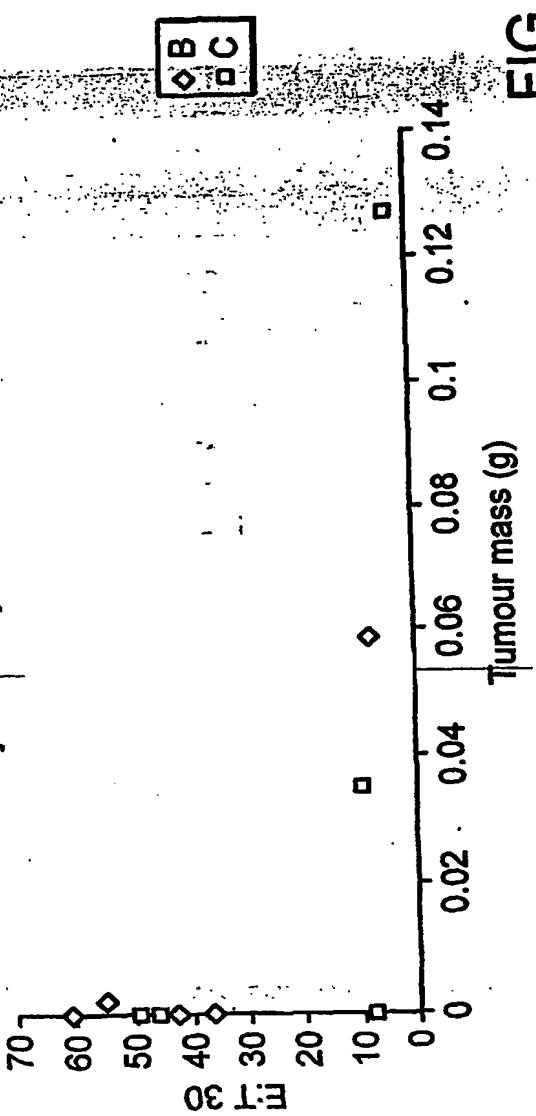
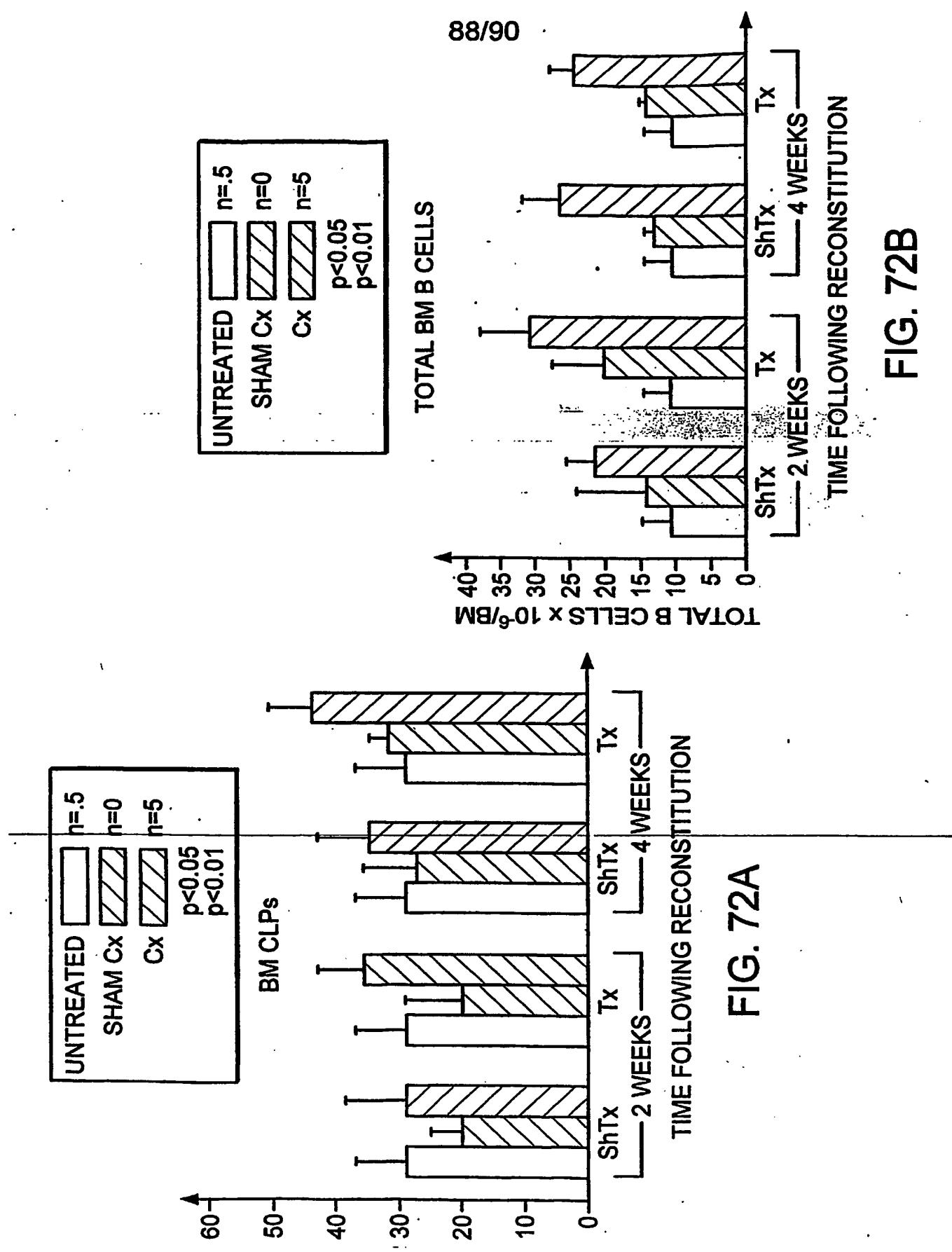


FIG. 71B



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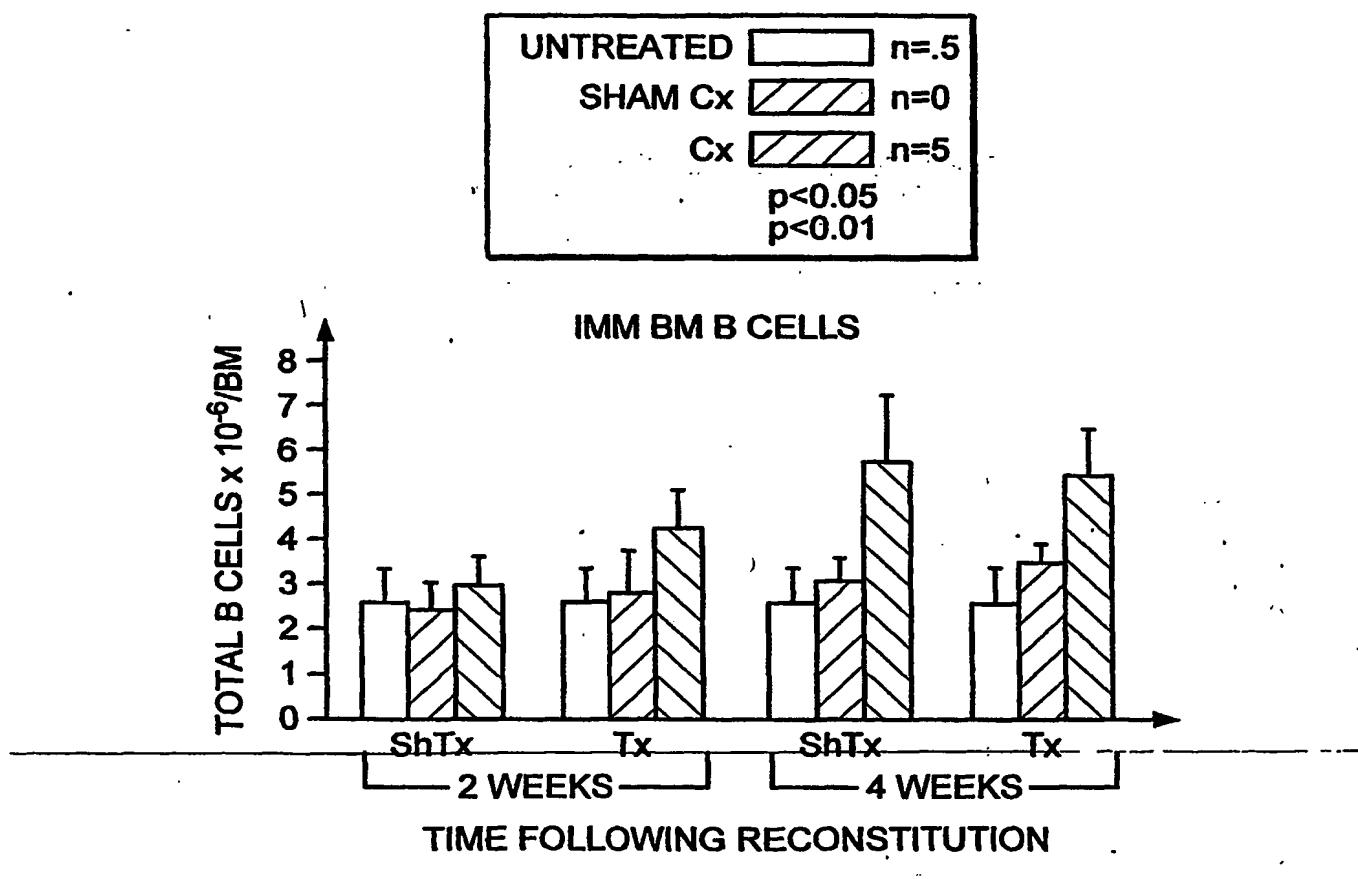


FIG. 72C

